DOCUMENT RESUME

ED 030 583 SP 002 348

Teacher Training for Physical Education. ICHPER Questionnaire Report, Part II.

International Council on Health, Physical Education, and Recreation, Washington, D.C.

Spons Agency-International Council on Health, Physical Education, and Recreation, Washington, D.C.; United Nations Educational, Scientific, and Cultural Organization, Paris (France).

Pub Date 68

Note-131p.

Available from-National Education Association Publications-Sales, 1201 16th Street, N.W., Washington, D.C. 20036 ($2.00)

EDRS Price MF-$0.75 HC Not Available from EDRS.

Descriptors-*Physical Education, *Teacher Education, *Teacher Education Curriculum

This survey report of teacher training practices in physical education around the world presents the results of both a 1963 study and a 1968 revision. Material obtained in 1963 (from 51 countries, 25 of them submitting information for the first time) is in italic print. An introductory section summarizes the total report. Part 1 contains information supplied by questionnaire respondents in each of 80 countries on six major points: (1) physical education training institutions; (2) certificate or degree and years of study required; (3) facilities and research and library resources; (4) physical education teacher training curriculum; (5) professional training; and (6) changes, development, and progress in the physical education teacher training program. Part 2 is composed of charts compiled from the information contained in the 80 sections of part 1: (1) availability of resources for training programs; (2) physical activities in the teacher training curriculum; (3) professional courses in the programs; (4) length of time required to become a physical education teacher as compared to that for teachers of other subjects; (5) recent change, developments, and trends. A list of respondents (addresses of individuals) and a copy of the questionnaire are appended. (JS)

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ED0 30583

ICHPER Questionnaire Report Part II
1967-1968 Revision

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Teacher Training for Physical Education

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ICHPER

In cooperation with UNESCO
INTERNATIONAL COUNCIL ON
HEALTH, PHYSICAL EDUCATION, AND RECREATION
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FOREWORD

This survey report of teacher training practices in physical education around the world is one of three studies first carried out by the International Council on Health, Physical Education, and Recreation in 1963.[1] It was stimulated by resolutions passed by the World Confederation of Organizations of the Teaching Profession, which urged that "every school should provide for an adequate program of physical education for all its children designed to improve their physical and mental health and their social adjustment" and that "teachers should be given adequate training to discharge these responsibilities." The ICHPER Executive Committee believed that a study of professional training for physical education teachers in different parts of the world, to establish an understanding of existing practices and conditions, was the first step in assisting member organizations to determine how best to improve professional standards in their countries.

To carry out this survey, the ICHPER solicited the assistance of Unesco through WCOTP for support in accomplishing this goal. In 1962 as an outgrowth of direct consultation, a contract was signed with Unesco to undertake the outlined study of the status of physical education programs around the world. Again the ICHPER is grateful to Unesco which cooperated with funds and consultation in this 1967-68 revision.

In 1963 a published report synthesized information received from 51 countries in response to questionnaires sent to key individuals in each country. Although there were some omissions in the first international survey of physical education teacher training, it presented a useful picture throughout the world at that time. A follow-up study was planned, and after three years a second questionnaire was sent out, asking for the same kinds of information. In response to the 1967 survey, responses were submitted from 72 countries, including 25 which had not supplied information the first time.

The data have been presented in this second report in such a way that the 1963 material is still shown in relation to the new information from 1967. The result makes it easy to see changes within a single country, as well as to compare current status and trends among the different countries.

The ICHPER Executive Committee is indebted to professional colleagues throughout the world for their cooperation in completing both of these international studies. Acknowledgment is made of the contributions of members of the ICHPER Secretariat staff, Raymond A. Ciszek, assistant secretary-general, Elsa Schneider, consultant, and especially to Barbara M. Potzner, program assistant, who compiled and prepared the manuscript for this report.

The Executive Committee has made available the results of this second research study as an important part of its program of work at the beginning of its second decade. Plans are already under way for another follow-up study after an appropriate interval.

The present work is published with the hope that it will serve professional individuals and groups in countries around the world as an appropriate basis on which to continue efforts to improve physical education teacher training programs. It should also prove to be an encouraging record of accomplishments and a source of pride to our ICHPER member organizations.

JULIEN L. FALIZE
President, ICHPER

CARL A. TROESTER, JR.
Secretary-General, ICHPER

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[1] The others were: Physical Education and Games in the Curriculum and The Status of Teachers of Physical Education. Both of these studies, originally published in 1963, have also been revised following a second survey in 1967.

A SUMMARY OF TEACHER TRAINING FOR PHYSICAL EDUCATION

Teacher Training for Physical Education is divided into two parts. Part I contains information supplied by respondents in 80 countries on six major points: (1) physical education training institutions; (2) certificate or degree and years of study required; (3) facilities and research and library resources; (4) physical education teacher training curriculum; (5) professional training; and (6) changes, development, and progress in the physical education teacher training program. Country reports vary in length as well as in detail. Part II is composed of charts compiled from the information contained in Part I.

In this survey study an attempt has been made to show some comparison between the responses submitted in the original study in 1963 in which 51 countries responded and the 1967 responses. A total of 80 countries are included. Forty-seven countries have materials for both 1967 and 1963. Twenty-five countries submitted information for the first time in 1967. Eight countries did not make information available for the revised publication. To facilitate the reader's use of the book, the information supplied in 1967 has been reproduced in *italic print* and that for 1963 in non-italic print.

This study is not intended to give a detailed account of programs around the world, but rather it proposes to give insight to selected aspects of teacher training for physical education and to stimulate an interest for a further comprehensive study. A brief, but representative, summary of the information found in Parts I and II follows.

Sixty-three countries responded to the question: "What organization, agency, or group has responsibility for the planning of teacher training programs for physical education teachers?" The responses may be categorized into four distinct groups: (1) non-governmental educational organizations in cooperation with the Ministry of Education; (2) the Ministry of Education or other governmental body such as the National Department of Physical Education, Ministry of Youth and Sports, etc.; (3) the individual institutes, colleges, or universities; and (4) some combination of the first three categories. More than one-third of the countries reporting indicate the responsibility for program planning to be with the bodies listed in (2). In some instances the responsibility for this planning depends on the educational level for which the prospective teachers are preparing. For example, in Hungary the Ministry of Education plans the training program for the primary and intermediate school teachers and the Hungarian National Federation of Physical Education and Sports is responsible for the secondary school teacher training program; in New Zealand the Department of Education deals with the primary and intermediate school preparation and the School of Physical Education at the university with the secondary; and in Nigeria the Ministry of Education plans the program for the first two school levels and the Advanced Teacher Training Colleges and the Department of Physical Education of the university are responsible for the third level. The type of institution determines which agency is responsible for the planning. For example, in Australia the Faculty or Board of Study in Physical Education is responsible for the programs to be planned for the universities and the State Department for the teachers' colleges. In Belgium the Ministry of Education plans the teacher training program and the Academic Council of the Higher Institute of Physical Education in the university plans the degree program in physical education. In Switzerland a unique situation exists where the Swiss Military Department establishes the program and the universities must conduct courses in compliance with the military decree.

The results of the survey show that institutions providing physical education teacher preparation programs may be listed in three major categories as follow: (1) those with programs for physical education teachers only; (2) those with programs for teachers of all subjects including physical education; and (3) university programs.

Forty-six of the responding countries listed programs for the preparation of physical education teachers only. The programs in this category ranged from those preparing teachers for one school level to those preparing teachers for all school levels. The breakdown of the number of such schools listed is as follows: 15 for secondary; 13 for all levels; 8 for primary; 8 for intermediate and secondary; 5 for primary and intermediate; 4 for intermediate; and 3 for primary and secondary. The entrance age for these institutions varies according to the level for which the teacher is preparing. From the countries responding having schools at which primary and intermediate teachers are prepared, the average age is 18.6 years. Those for the secondary level preparation show an average of 19 years and those preparing teachers for all three levels have an average entrance age of 19.5 years. Eight countries reported that they had institutions for secondary school preparation separate from those for primary and intermediate. Six countries list only schools for the preparation of teachers for the primary and intermediate levels and 13 countries list only schools where teachers for all levels are prepared. From the responses received the number of institutions for the preparation of physical education teachers only range from 1 to 56. The average number of years of study at institutions for all levels is three and the average number of years of study for those giving only secondary school physical education teacher preparation is a little over three years.

Information on the programs conducted at institutions for the preparation of teachers of all subjects including physical education was received from 42 countries. Programs in this category ranged from those preparing teachers for one school level to those preparing teachers for all school levels. The breakdown of the number of schools listed is as follows: 11 for primary and intermediate; 10 for primary; 8 for all levels; 6 for secondary; 3 for intermediate and secondary; 3 for primary and secondary; and 2 for intermediate. The entrance age for these institutions varies but slightly according to the level for which the teacher is preparing. For the primary and intermediate levels, the average age is 17.7 years. Those preparing teachers for the secondary level only and those preparing teachers for all levels (primary, intermediate, and secondary) have an average entrance age of 18 years. Thirteen countries reported that they had institutions for secondary school preparation separate from the other levels; eight of these listed institutions are universities. From the responses received the number of institutions for teacher preparation of all subjects including physical education in one country range from 1 to 400. The number of universities range from 1 to 547. The average number of years of study at the institutions for all levels is 3.1 and the average number of years of study for those giving only secondary school preparation is 3.4. Universities have an average of 3.5 years of study for their programs.

Respondents were also asked to submit information on the certificate or degree and the number of years of study required. Data supplied varied greatly and generalizations are difficult to make. Of the 62 countries responding, ten reported that the certificate or degree given at the completion of the program prescribed for teacher preparation would qualify the teacher for all levels of teaching (primary, intermediate, and secondary school, teacher training institutions, and universities). The average number of years of study for such a degree is 3 3/4 years. Fourteen listed that the degree earned could qualify the teacher for any of the three school levels, primary, intermediate, or secondary. The number of years of training is 2 3/4. The information received shows that the Bachelor of Science degree or Bachelor of Arts degree normally requires four years of study in most countries. In some instances, study abroad is required or preferred in the degree program for students. Eight countries responded in this manner. Provisions for graduate degrees were reported by nine countries. Of all the levels at which physical education is taught, those teaching at the primary school level have the least amount of formal education in the field. Most teachers at the primary level do hold a teacher's certificate requiring two to three years of study with a minimum amount of time, if any, devoted to physical education. However, those teaching at the teacher training institution or university, in most cases, have more than four years of professional preparation and the majority hold a Master's degree.

Training resources that are provided in the preparation of teachers for physical education are for the most part less than adequate. Of the 57 countries making information available on all three parts listed in the Chart 1 on page 102, only 13 countries indicated that library resources, provisions for research, and adequate training facilities are available. The majority of the 64 countries reporting on library resources had some type of library and publications available for the student's use. However, less than half of the 64 countries listed provisions for the conducting of research in institutions where physical education teachers are trained. Only 19 countries considered the training facilities which they now have as adequate. In number of the countries, plans are being made at the national level to improve such training resources as listed above both in quantity and quality.

Courses included in the physical education teacher preparation programs are divided into two types: physical activity courses and courses of a theoretical nature. Comparative information on both types of courses is found in Charts 2 and 3 on pages 107 and 110 respectively.

The degree of intensity at which an activity is taught appears to be determined by the level for which the teacher is being prepared. Indications are that teachers preparing for the primary schools receive less comprehensive instruction than the secondary school teachers. Basketball, folk dance, and swimming are the activities most frequently being taught to men and women preparing to teach physical education in the countries responding. (See Chart 2 on page 107.)

The theoretical courses which students in physical education teacher preparation are required to take may be further divided into general studies and professional studies. The professional studies as listed by the respondents are found in Chart 3 on page 110. Different terminology may be used for courses which are similar in nature. From the data given, the courses which are most often listed by course title are those dealing with the biological sciences, methods and theory of physical education, organization and administration of physical education, and some form of health education. Practice teaching is emphasized in more than one-third of the responding countries.

The comparison of the length of time required to become a teacher of physical education as compared to that for teachers of other subjects is found in Chart 4 on page 111. Thirty-nine countries out of the fifty-seven responding on this subject indicate the same amount of time is required for both.

A number of trends in the physical education teacher training programs have been established over the past three years as listed by thirteen of the countries responding. From the statements recorded, there is a definite trend toward greater emphasis on the physical education teacher training program by those responsible for the planning of this program. In some instances the opposite has taken place, such as in England where until recently all teachers in training took a professional course in physical education and now this is still required of primary school teachers but is optional for most secondary school teachers. Student enrollment in programs has increased, more and more students are studying abroad, and the standards of the programs are continually being improved. (See Chart 5 on page 115).

As noted from the information in Chart 5 on pages 112 to 115, a greater emphasis is being placed on the overall physical education teacher training program. New programs have been established, the teacher training programs for primary school teachers of physical education have been improved, in-service courses have been created to supplement the skills and knowledges of the teachers, and new schools of physical education have been started. There has been some modification in the program such as in Sweden where formerly all classroom teachers had to study physical education as a compulsory course and now a student may choose between physical education and music.

Through the pertinent information received from each country, a great many similarities as well as differences are to be found. However, it has been recognized in this study that the physical education teacher training programs continue to be strengthened and improved.

PART I

....CONTAINS INFORMATION SUPPLIED BY RESPONDENTS IN 80 COUNTRIES

Afghanistan

PHYSICAL EDUCATION TRAINING INSTITUTIONS. 1963 - The Director-General of the Department of Physical Education and Sports, in cooperation and consultation with the Chief of Primary Education, Chief of Secondary Education, Chief of Vocational Education, and Principals of the schools, holds the responsibility for planning teacher training programs.

TRAINING INSTITUTION		NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
FOR PHYSICAL EDUCATION TEACHERS ONLY	1963	1	5	13-15	x	x	x
FOR TEACHERS OF ALL SUBJECTS INCLUDING PHYSICAL EDUCATION	1963	1	5	13-15	x	x	x
OTHERS:	1963 - Graduates of the above may be sent abroad for higher training.						

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. 1963 - Diploma of Specialization in a certain field of sports: Boys in grades 7-9 study general sports and athletics and specialize in one sport for the next three years. Baccalaureate (Sports and Physical Education): From grades 7-12 boys study in the School of Physical Education and Sports. Six years of study are required for each degree.

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. 1963 - Dressing rooms, showers, and gymnasiums are adequate in the School of Physical Education and Sports. Outdoor fields, ski slopes, swimming facilities, and stadiums are available in some sections of the country. However, more equipment and books are needed in the training of physical education teachers in Afghanistan. Some provisions have been made to conduct research in physical education in institutions where physical education teachers are trained. A small library has just been started in the boys' School of Physical Education. The books are, however, very limited.

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF PRIMARY SCHOOL TEACHERS	INTERMEDIATE SCHOOL TEACHERS	SECONDARY SCHOOL TEACHERS
Apparatus (M)	Apparatus (M)	Apparatus (M)
Rhythmics	Rhythmics	Calisthenics
Calisthenics	Calisthenics	Motor Skills
Motor Skills	Motor Skills	Health and Safety
Health and Safety	Health and Safety	Camping (M)
Athletics (track & field)	Camping (M)	Swimming (M); Skiing (M)
	Skiing (M); Swimming (M)	Athletics (track & field) (M)
	Athletics (track & field) (M)	Basketball
	Basketball; Boxing (M)	Boxing (M); Wrestling (M)
	Wrestling (M)	Weight Lifting (M)
	Weight Lifting (M)	Volleyball; Table Tennis
	Volleyball; Table Tennis	Tennis; Hockey; Soccer (M)
	Tennis; Hockey; Soccer (M)	Handball; Football (M)
	Handball; Football (M)	Badminton
	Badminton; Softball (W)	Softball (W)

CODE: M=men only; W=women only; non-Italics=1963 listing; non-coded activity=required for both men and women.

PROFESSIONAL TRAINING. 1963 - Program at the School of Physical Education and Sports: Boys from grades 7-12 are trained to become teachers of physical education for grades 3-12. Courses include Physiology, Anatomy, Health, Control of Muscles and Massage, Pedagogy, Psychology, History of Physical Education, Principles of Physical Education, Rules of Games, and Practice Teaching. Emphasis in the teacher training program for physical education is on "learning by doing." There is a balance between theoretical and practical work.

Argentina

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - The National Institute of Physical Education through its various departments such as pedagogical, sports, etc. has responsibility for the planning of teacher training programs for physical education teachers.* **1963 - The General Director of Physical Education has the responsibility for planning teacher training programs.**

TRAINING INSTITUTION		NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
FOR PHYSICAL EDUCATION TEACHERS ONLY	1963	5	1	18-25	x	x	
	1963		3	18-25	x	x	x
	1967	*3*	*2*	*18*	*x*	*x*	
FOR TEACHERS OF ALL SUBJECTS INCLUDING PHYSICAL EDUCATION	1963	10	4				
UNIVERSITIES	1963	7	6				
	1967	*2*	*4*	*18*	*x*	*x*	

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. *1967 - Normal School Teacher: 2 years of study, for the teacher of physical education at the primary school level. National Professor of Physical Education and Professor of Physical Education: 3 years of study, for the teacher of physical education at the intermediate and secondary school levels. Professor of Physical Education: 4 years of study, for the teacher of physical education at the university level.* **1963 - National Professor of Physical Education: 3 years of study. Physical Education Instructor for Young Children: 1 year of study.**

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. *1967 - The following facilities are considered essential in the training of physical education teachers in Argentina: classrooms, play areas for the various sports, tracks, and swimming pools. The facilities provided for the training of physical education teachers are adequate. The teacher training schools have libraries that are available to physical education students as needed. The National Physical Education Office publishes and sells books and materials of a technical nature.*

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF PRIMARY SCHOOL TEACHERS	INTERMEDIATE SCHOOL TEACHERS	SECONDARY SCHOOL TEACHERS
Folk Dance	Athletics (track & field)	Athletics (track & field)
Modern Dance*	Gymnastics*	Gymnastics*
Athletics (track & field)	Swimming	Swimming
Gymnastics*	Rhythmic Gymnastics *(W)*	Rhythmic Gymnastics*
Swimming; Tennis*; Volleyball*	Folk and Modern Dance*	Folk and Modern Dance*
Rhythmic Gymnastics *(M)*	Physical Education for the Very Young*	Physical Education for the Very Young*
Physical Education for the Very Young*; Softball*	Basketball*(M)*; *Apparatus*	Basketball *(M)*; *Free Exercise*
Basketball *(W)*; Camping	Hockey *(W)*; *Creative Dance (M)*	Hockey*(W)*; *Apparatus*,
Hockey*; *Free Exercise*	Handball *(M)*; *Sports (M)*	Handball*(M)*; *Sports (M)*
Handball; *Apparatus*	Tennis*; *Soccer (M)*	Tennis*; *Soccer (M)*
Beginning Sports	Volleyball*(M)*; *Rugby (M)*	Volleyball; *Rugby (M)*
Rugby (M)	Softball; *Free Exercise*	Softball
	Camping	Camping

CODE: M=men only; W=women only; *Italics=1967 listing;* non-Italics=1963 and 1967; non-coded activity= required for both men and women; *=1963 listing only.

PROFESSIONAL TRAINING. *1967 - Compulsory courses included in the professional training of physical education teachers for primary schools are in the nature of Professional Training, Theory, and Practice Teaching. They are Applied Anatomy, Physiology of Exercise, Health Education, Movement*

Analysis, Evaluation of Physical Education, Adaptive Physical Activities, Philosophy, General Psychology, Developmental Psychology, Educational Psychology, Pedagogy, Sociology, Introduction to Physical Education, History, Didactics, Practice Teaching, Recreation, Administration of Physical Education, Music Education, Gymnastics, Sport Gymnastics, Theory of Gymnastics, Games, and Sports, Child Physical Education, Rhythmic Education, Creative Educational Dance, Athletics, Swimming, Basketball, Volleyball, Softball, Rugby, Soccer, Handball, and Hockey. Training for the intermediate and secondary school levels include more hours of study than for the primary school level. 1963 - Biological Sciences: Applied Anatomy and Physiology, Hygiene and First Aid, Analysis of Human Movements, Management of Physical Education. Pedagogy: Applied Psychology, Philosophy, Teaching Methods. Physical Education: Introduction to Physical Education, History of Physical Education, Theory of Gymnastics, Games and Sports, Organization and Administration of Physical Education, Corrective Pedagogy, Recreation, Camping, and Practice Teaching.

1967 - The time required to become a teacher of physical education is one year less than that for other disciplines such as mathematics, history, foreign language, etc.

CHANGES, DEVELOPMENT, AND PROGRESS IN THE PHYSICAL EDUCATION TEACHER TRAINING PROGRAM. *1967 - As of March 1967, the course of study at the National Institute of Physical Education has been modified to reduce the total hours of course work and at the same time unifying the subject matter for the training of the national normal school physical education teachers (elementary school) and the national professors of physical education. The plan of study consists of three years. Upon completion of the first two years, the title of National Teacher of Physical Education (for the primary school) is awarded and at the end of the third year, the title of National Professor of Physical Education is granted.*

Australia

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - At the universities, either the faculty (arts or education) or Board of Studies in physical education (independent departments of physical education) has the responsibility for planning the teacher training programs of physical education teachers. The State Departments of Education have this responsibility for the teachers' colleges.* 1963 - The same as for 1967.

TRAINING INSTITUTION		NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR		
					PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
FOR PHYSICAL EDUCATION TEACHERS ONLY	*1967*	*One university in each state offers specialist training in physical education, varying from 2-4 years. Two teachers' colleges in New South Wales offer 3 year diploma courses in physical education and general subjects.*					
FOR TEACHERS OF ALL SUBJECTS INCLUDING PHYSICAL EDUCATION	*1967*	*There are 5 university courses, 2 teachers' college diploma courses. In addition in Tasmania and Western Australia, the Departments of Education and the universities cooperate and combine to provide a diploma course. One credit only may be obtained for physical education in a B.A. degree at the University of Tasmania.*					
	1963	3	3-4	17	x	x	x
UNIVERSITIES	1963	6	2-4	17-18	x	x	x
OTHERS:	1963	There are a few private institutions in Australia (in Victoria, some 'physical culture' establishments, in New South Wales, the 'Swords Club'): all these offer a more or less limited kind of training in the conduct of physical activity classes. The number of their trainees is small and their curriculums are not providing the necessary professional standard for someone who wants to be in charge of physical education in the schools. They are not recognized by the government or the A.P.E.A.					
	1967	*Same as 1963.*					

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. *1967 - All diplomas of physical education qualify the recipient to teach physical education at all levels. Universities grant the following: Western Australia - Major in Physical Education in B.Ed.: 3 years of study; South Australia - a 3-year Diploma; Victoria - 2-year Diploma and 1 year professional training; New South Wales - Major in Physical Education in B.Ed.: 4 years of study; Queensland - Major in Physical Education in B.A. or B.Ed.: 3 years of study, Diploma: 2 years of study; New South Wales - 2 Teachers' Colleges - 3-year Diploma; Tasmania - 1 unit of Physical Education in the B.A.* 1963 - Bachelor of Education: 4 years. Bachelor of Arts: 3 years. University Diploma of Physical Education: 2-3 years. Teachers' College Diploma of Physical Education: 2-3 years. Many teachers of physical education combine their university Diploma of Physical Education with a Teacher's Certificate or a degree in another discipline such as Art or Education, occasionally with a science subject or degree. This is dependent on the student's own decision.

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. *1967 - The following facilities are considered essential: indoor and outdoor activity spaces and swimming pools. However, not all institutions have their own gymnasiums and swimming pools. Limited provisions have been made to conduct research in physical education in institutions where physical education teachers are trained. However, the situation is improving. Library resources available for students' use are limited, especially with regard to journals and periodicals. The status of books which are available is satisfactory. In most universities the control libraries are fully cooperative with branch libraries in providing the necessary book acquisition.*

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF		
PRIMARY SCHOOL TEACHERS	INTERMEDIATE SCHOOL TEACHERS	SECONDARY SCHOOL TEACHERS
Folk Dance Modern Dance (W) Apparatus Rhythmic Gymnastics (W) Educational Gymnastics Camping Sailing (E-M-W) SPORTS**: Athletics (track & field); Basketball; Boxing (M); Hockey; Fencing; Swimming; Tennis; Judo; Life Saving; Rugby (M); Football (Austr. rules, soccer) (M); Baseball (M); Cricket (M) Water Polo (M); Vigoro (W) Softball (W); Lacrosse (W); Volleyball; *Wrestling (M)*	The Intermediate Table is left open as it varies greatly. In general these schools follow the primary syllabus and gradually introduce the secondary scheme.	Folk Dance (E-M-W) National Folk Dance (W) Modern Dance (W) Ballroom Dance Apparatus Rhythmic Gymnastics (W) Educational Gymnastics Olympic Gymnastics (E-M-W) Camping; Mountaineering (E-M-W) Skiing (E-M-W); Sailing (E-M-W) Canoeing* (E-M-W) Rock Climbing (E-M-W) SPORTS**: Basketball; Fencing; Boxing(M); Hockey; Athletics (track & field) Swimming; Tennis; Judo; Life Saving; Rugby (M); Football (Austr. rules, soccer) (M); Baseball (M); Cricket (M); Water Polo (M); Vigoro (W); Softball (W); Lacrosse (W); Volleyball; *Wrestling (M)*

** Great variations, but most of these acitivities are part of the curriculum for trainees. Swimming is compulsory in all courses, and so are athletics and tennis.

CODE: M=men only; W=women only; E=elective; *Italics=1967 listing;* non-Italics=1963 and 1967 listing; non-coded activity=required for both men and women; *=1963 listing only.

PROFESSIONAL TRAINING. *1967 - In general all courses are compulsory, the electives exist in some institutions only in practical work. Names of subjects vary from institution to institution. The following is the list of subjects at the University of Melbourne: First Year: Anatomical and Physiological Basis of Physical Education (Part I); Body Mechanics; Hygiene, Diet and First Aid; History, Principles and Methods of Physical Education; General and Special Methods of Training; Practical Exercises (Part I); Teaching Practice and Observation (Part I). Second Year: Anatomical and Physiological Basis of Physical Education (Part II); Preventive Work; Play and Recreation; Organization and Administration of Physical Education; Modern Problems in Education; Practical Exercises (Part II); Teaching Practice (Part II).*

1967 - The time required to become a teacher of physical education is the same as that for other disciplines such as mathematics, history, foreign language, etc. at the degree level. At the diploma level, it is less in some cases.

CHANGES, DEVELOPMENT, AND PROGRESS IN THE PHYSICAL EDUCATION TEACHER TRAINING PROGRAM. *1967 - During the past three years changes have been largely in detail of subjects and extension of range of practical work.*

Austria

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - The State Ministry of Education has the responsibility for the planning of teacher training programs for physical education teachers.* 1963 - The State Ministry of Education has the responsibility for planning teacher training programs.

TRAINING INSTITUTION		NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR		
					PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
FOR PHYSICAL EDUCATION TEACHERS ONLY	1963	3	4	18-19			x
	1967	*4*	*4*	*18-19*		*x***	*x*
FOR TEACHERS OF ALL SUBJECTS INCLUDING PHYSICAL EDUCATION	1963	30	5	15	x	x*	
	1967	*15*	*2*	*18-19*	*x*		
UNIVERSITIES	1963	3	4	18-19			

* Teachers in intermediate schools are first trained as primary school teachers; they then take courses in two or three special fields and after two years can take a special examination.

***Teachers in intermediate schools get courses in two or three special fields after having finished training for primary school teaching and after two years of practical experience.*

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. *1967 - Academic Diploma: 2 years of study, for the teacher of physical education at the primary school level. Certificate for Intermediate School Teaching: 2 years of study, for the teacher of physical education at the intermediate school level. Certificate for Teacher Training Institution Teaching: 4 years of study, for the teacher at the teacher training school. Academic Diploma, Ph.D.: 4 years of study, for the university physical education teacher plus a thesis requiring 2-4 years of study.* 1963 - Certificate for intermediate school teaching: 2 years. Academic diploma (state diploma) for teaching on secondary school level: 4 years. A doctor's degree may be obtained after doing research work and taking more examinations.

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. *1967 - The following facilities are considered essential in the training of physical education teachers in Austria: gymnasiums, outdoor fields, swimming facilities, and skating rinks. However, some institutions have poor facilities. New facilities for two of the four institutes for physical education are in the construction stage. Provisions are made to conduct research in physical education at the universities where physical education teachers are trained. The institutes for physical education have extensive libraries for research and information in the fields of physical education and sports.*

AUSTRIA (Cont.)

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF PRIMARY SCHOOL TEACHERS	 INTERMEDIATE SCHOOL TEACHERS	 SECONDARY SCHOOL TEACHERS
Folk Dance (E-M-W)	Folk Dance (E-M-W)	Folk Dance
Rhythmic Gymnastics (W)	Rhythmic Gymnastics (W)	Rhythmic Gymnastics (W)
Apparatus	Skiing; Apparatus	Apparatus; Fencing* (M)
Skiing	Hiking; Swimming	Camping*; Swimming; Soccer (M)
Hiking	Skating; Soccer (M)	Mountaineering
Athletics (track & field)	Basketball *(M)*	Skiing; Basketball
Swimming	Athletics (track and field)	Hiking; Skating;
		Athletics (track & field)

CODE: M=men only; W=women only; E=elective; *Italics=1967 listing;* non-Italics=1963 and 1967; non-coded activity=required for both men and women; *=1963 listing only.

PROFESSIONAL TRAINING. *1967 - Compulsory courses included in the professional training of physical education teachers for the primary schools are classes in curriculum, practice teaching, skiing, and swimming. Elective courses at this level include apparatus work, games, athletics, swimming, and skating. Additional training in the above mentioned fields is required for teachers of physical education at the intermediate level. The training for the secondary school physical education teacher is as follows: teachers engage in regular university studies for at least 4 years. Two majors are required. Training includes: Theory: Anatomy, Physiology, Hygiene, First Aid, Psychological Lectures, Childhood, Youth, Theory of Physical Education, History, Study of Motion, Terms, Methodical Problems; Practical: Gymnastics, Athletics, Games, Swimming, Fencing, Skiing, Skating, Hiking, Mountaineering, Folk Dancing, and Rhythmic Dancing (for women only).* 1963 - Primary schools: There is no special training for physical education teachers in primary schools as classroom teachers teach all subjects. Intermediate schools: For intermediate schools, the physical education teacher takes special courses in Games, Athletics, Apparatus Work and Tumbling, Skiing, and Swimming. Methodical exercises and practice teaching are included. Secondary schools: the courses are the same as those listed for 1967.

1967 - The time required to become a teacher of physical education is the same as that for other disciplines such as mathematics, history, foreign language, etc.

CHANGES, DEVELOPMENT, AND PROGRESS IN THE PHYSICAL EDUCATION TEACHER TRAINING PROGRAM. *1967 - In accordance with the New School Organization Act of 1962, primary school teachers have to complete their secondary school education (Matura) and they pursue a two-year training at the Pädagogische Akademie (a teachers' training college). Studies now end at the age of 20.*

Belgium

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - The Minister of National Education has the responsibility for planning the teacher training programs for physical education teachers. The Academic Council of the Higher Institutes for Physical Education in the Universities (Conseil académique des Instituts supérieurs d'education physique des universités) has the responsibility for planning the programs for the degree in physical education.* 1963 - The Minister of Education has the responsibility for planning the teacher training program for physical education teachers.

TRAINING INSTITUTION		NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
FOR PHYSICAL EDUCATION TEACHERS ONLY	1963	10	2		x		
	1967	*10*	*2*	*18*		*x*	
		4	*4*	*18*			*x*
FOR TEACHERS OF ALL SUBJECTS INCLUDING PHYSICAL EDUCATION	*1967*	*30*	*4*	*15*	*x*	*x*	
UNIVERSITIES	1963	4	4-5	18		x	x
	1967	*4*	*4*	*18*			*x*

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. *1967 - Teacher Certificate: 4 years of study, for the teacher of physical education at the primary school level. Qualified Teaching Certificate: 2 years of study plus part-time teaching, for the teacher of physical education at the intermediate and secondary school levels. Graduate Teacher: 4 years of study, for the teacher of physical education at the secondary school level. Graduate Teacher or Doctor of Physical Education: 1 year minimum study after the diploma, for the teacher of physical education at the teacher training institutions. Ph.D. in Physical Education: for the teacher of physical education at the universities.* 1963 - Regents in Physical Education: 2 years. License in Physical Education: 4 years (plus agrégé, Senior High Schools: 1 additional year).

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. *1967 - The following facilities are considered essential in the training of physical education teachers in Belgium: gymnasiums, sports rooms, swimming pools, and playing fields. In general, the facilities which are provided are adequate. Provisions have been made to conduct research in physical education in institutions where physical education teachers are trained. The universities have research laboratories in each department. Research in the different branches is easily undertaken (e.g.-with the medical school, the science department, the education department). Each university has its library available for the students' use. Loans among libraries are possible.*

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF PRIMARY SCHOOL TEACHERS	INTERMEDIATE SCHOOL TEACHERS	SECONDARY SCHOOL TEACHERS
Folk Dance (E-M-W)	Folk Dance (E-M) (W)	Folk Dance
Rhythmic Gymnastics (W)	Rhythmic Gymnastics (W)	Rhythmic Gymnastics (W)
Apparatus	Apparatus	Apparatus
Camping*(E-M-W)	Camping	Camping
Basketball (E-M-W)	Basketball	Basketball
Boxing* (E-M)	Boxing*(E-M)	Boxing* (E-M)
Swedish Gymnastics	*Swedish Gymnastics*	*Swedish Gymnastics*
Volleyball (E-M-W)	*Volleyball*	*Volleyball; Swimming; Handball*
Athletics (track & field) (E-M-W)	*Handball; Swimming*	*Athletics (track & field)*
Swimming; Handball (E-M-W)	*Athletics (track & field)*	*Attack and Defense Sports (E-M)*

CODE: M=men only; W=women only; E=elective; *Italics=1967 listing;* non-Italics=1963 and 1967 listing; non-coded activity=required for both men and women; *=1963 listing only.

PROFESSIONAL TRAINING. *1967 - The program for the training of the physical education teacher includes: 1st Year: Gymnastics, Biology, Plastic Education, Ethics, Religion, Psychology, Chemisty, French, Test-type Lessons, Special Methodology, Musical Sports, Sports, Anatomy Mechanics of Movement, History of Teaching, General Methodology, Methodo-biology, Physiology, Technique of Exercises, and Swimming. 2nd Year: Gymnastics, Sports, Biology, Teaching Methods, Exercises in the application and teaching of physical education, Practical Lessons, Ethics, Religion, French, Music, Anatomy, Physiology, Mechanics of Movement, Technique, History of Teaching, Methodo-biology, and Swimming. Additional training includes short courses, camping, and weekends.* 1963 - The program of "Regents School" for physical education teachers includes: Anatomy, Biology, Chemistry, Pedagogics and Didactics, Physiology, Hygiene, Music, Practical Methods of Educative Gymnastics, Regional Games, Analysis of Movement, Games of Low Organization, Games and Sports (basketball, soccer, track and field, korfball, netball, hockey, handball, tennis, deck tennis, ping-pong, fencing, skating, rounds and dances). The 4-year program at the University of Liège includes: Logic, Psychology, Chemistry, Experimental Physics, Biology, Human Anatomy, General Histology, Human Physiology, Special Physiology of Physical Education, Elements of Didactics, Human Biometry, Analysis of Movement, and Theory of Physical Education.

1967 - The time required to become a teacher of physical education is the same as that for other disciplines such as mathematics, history, foreign language, etc. It is two years for the teacher and four years for the graduate teacher plus one year agrégation.

CHANGES, DEVELOPMENT, AND PROGRESS IN THE PHYSICAL EDUCATION TEACHER TRAINING PROGRAM. *1967 - During the past three years, the double specialization (physical education-biology) has been introduced in the teacher training institutions. For the time being, this measure has not improved teaching nor the openings available to graduates.*

Bolivia

PHYSICAL EDUCATION TRAINING INSTITUTIONS. 1963 - The National Director of the School of Physical Education and the National Director of the Teachers Training Colleges have the responsibility for planning teacher training programs.

TRAINING INSTITUTION		NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR		
					PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
FOR PHYSICAL EDUCATION TEACHERS ONLY	1963	1	3	18-19	x		x
FOR TEACHERS OF ALL SUBJECTS INCLUDING PHYSICAL EDUCATION	1963	8	3	18-19	x		x

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. 1963 - Professor: 3 years. Technical Director for Sports, Athletics, Dance, Gymnastics, etc.: 3 months preparation prior to degree of physical education teacher. Inspector: 15 years in the profession. National Director: 15 years in the profession.

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. 1963 - Gymnasiums and swimming facilities usually are available in adequate quantity. Dressing rooms, showers, and outdoor fields are available but not adequate. No provisions have been made to conduct research in physical education institutions where physical education teachers are trained. The are no special physical education libraries except for the library of the I.N.S.E.F. and some private collections.

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF PRIMARY SCHOOL TEACHERS	SECONDARY SCHOOL TEACHERS
Classic Dance (W); Folk Dance (W)	Classic Dance (W)
Rounds and Games	Folk Dance (W)
Modern Swedish Gymnastics	Modern Swedish Gymnastics
Modern Natural Gymnastics	Modern Natural Gymnastics
Apparatus	Apparatus
Rhythmic Gymnastics	Rhythmic Gymnastics
French and Hebert Gymnastics (W)	French and Hebert Gymnastics
Danish Gymnastics	Danish Gymnastics
Olympic Gymnastics	Olympic Gymnastics
Scouting; Hiking	Scouting; Hiking
Athletics (track & field)	Athletics (track & field)
Swimming; Volleyball	Swimming; Volleyball
Softball (M); Ball Playing (M)	Softball; Soccer (M)

CODE: M=men only; W=women only; non-Italics=1963 listing; non-coded activity=required for both men and women.

PROFESSIONAL TRAINING. 1963 - The professional training is the same for physical education teachers for the primary and secondary schools. It includes theoretical and practical courses.

Brazil

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - The School of Physical Education and Sports at the State University of Rio de Janeiro has the responsibility for planning the teacher training programs for physical education teachers.* 1963 - The National School for Physical Education and Sports (University of Brazil) and the Division of Physical Education of the Ministry of Education and Culture have the responsibility for planning teacher training programs.

TRAINING INSTITUTION		NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
FOR PHYSICAL EDUCATION TEACHERS ONLY	1963	9	3	18-30	x	x	x
	1967	*10*	*3*	*18*		*x*	*x*
UNIVERSITIES	1963	Of the 9 schools mentioned above, 3 fall under Federal Universities					
	1967	*Of the 10 schools mentioned above, 2 belong to the Federal University*					
OTHERS	*1967*	*The physical education school of the army and the physical education school of the public forces of S. Paulo prepare monitors for their corporation. There is a one year course for the military.*					

CERTIFICATE OF DEGREE AND YEARS OF STUDY REQUIRED. *1967 - Graduate Degree: 3 years of study, and Recreation Specialist: 1 year of study, for the teacher of physical education at the primary school level. Sports Specialist: 1 year of study, for the teacher of physical education at the intermediate school level. Sports Specialist: 1 year of study for the teacher of physical education at the secondary school level. A graduate course at the university level requiring 1 year of study for the teacher of physical education at the university level.* 1963 - M.A. Professor: 3 years. Sports Technician: 3 years. Physical Education Instructor: 1 year (for those who are already teaching in academic subjects in primary schools).

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. *1967 - The following facilities are considered essential in the training of physical education teachers in Brazil: gymnasiums for sports and gymnastics, sports fields, swimming pools, and installations for track. However, the facilities provided for this training are considered inadequate since there is a lack of sufficient gymnasiums, installations for track, and dressing rooms. Provisions are made to conduct initial research in physical education in institutions where physical education teachers are trained. The schools have their own small specialized libraries. The students can consult books during their free hours, and in some libraries it is permitted to borrow books for a determined period of time.*

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF		
PRIMARY SCHOOL TEACHERS	INTERMEDIATE SCHOOL TEACHERS	SECONDARY SCHOOL TEACHERS
Modern Dance (W)	Folk Dance *(W)*	Classic Dance* (E-W)
Folk Dance *(W)*	Modern Dance (W)	Folk Dance
Modern Gymnastics* (W)	Modern Gymnastics* (W)	Modern Dance (W)
Rhythmic Gymnastics*	Apparatus (M) Camping* (E-M-W)	Modern Gymnastics* (W)
Volleyball	Rhythmic Gymnastics* (W)	Apparatus (M)
Swimming	Calisthenics* (E-W) (M)	Rhythmic Gymnastics* (W)
Athletics (track & field)	General Sports (M) *(M-W)*	Calisthenics* (E-W) (M)
General Gymnastics	Volleyball; Soccer (M)	General Sports (M)
Basketball	Mountaineering* (E-M-W)	Camping* (E-M-W)
Games	Basketball (E-W) (M) *(M-W)*	Mountaineering* (E-M-W)
	Judo (E-M) *(M);*	Volleyball; Basketball
	Boxing (M); Swimming; *Games*	Soccer (M); Boxing (M)
	Athletics (track & field)	Judo (M); Swimming; *Games*
		Athletics (track & field)

CODE: M=men only; W=women only; E=elective; *Italics=1967 listing;* non-Italics=1963 and 1967; non-coded activity=required for both men and women; *=1963 listing only.

PROFESSIONAL TRAINING. *1967 - The following courses are listed for teacher preparation for physical education at the School of Physical Education and Sports at the University of Rio de Janeiro: Human Anatomy, Pedagogy, First Aid, General Gymnastics, Individual Sports, Team Sports, Aquatic Sports, Applied Hygiene, Applied Psychology, Applied Physiology, Applied Kinesiology, History of Physical Education, Applied Biometry, Dances, Organization and Administration of Physical Education, Recreation, Applied Physiotherapy, Attack and Defense Sports. A course of one year study in Applied Medicine to Physical Education and Sports is given and the following subjects are included: Applied Hygiene, Applied Kinesiology, Applied Physiology, Applied Biometry, Sports Traumatology, Applied Physiotherapy, Metabology, Applied Psychology, Organization and Administration of Physical Education, General Gymnastics, Sports, and Dance.*

1967 - The time required to become a teacher of physical education is less than that for other disciplines such as mathematics, history, foreign language, etc. The physical education course requires three years of study whereas the other academic subjects require four years.

Burma

PHYSICAL EDUCATION TRAINING INSTITUTIONS. 1963 - The Director of Teacher Education has the responsibility of planning the teacher training programs at the teacher training institutions. The professors in the Department of Physical Education at the universities are responsible for planning the teacher training programs for physical education teachers.

TRAINING INSTITUTION		NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR		
					PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
FOR TEACHERS OF ALL SUBJECTS INCLUDING PHYSICAL EDUCATION	1963	2	1	16-18	x	x	
UNIVERSITIES	1963	3	4(2)	16-18			x
STATE TEACHER TRAINING INSTITUTES	1963	4	2	16-18	x		

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. 1963 - Junior Assistant Teachership Certificate: 2 years at the university and 2 years at the State Teacher Training Institute. Elementary Teachership Certificate: B.S. degree plus 1 year. B. Ed. degree: B.A. or B.S. degree and 2 years of additional study.

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. 1963 - Outdoor fields are usually available in adequate quantity. Other facilities are inadequate. No provisions have been made to conduct research in physical education in institutions where physical education teachers are trained. There are some library resources available to students.

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF		
PRIMARY SCHOOL TEACHERS	INTERMEDIATE SCHOOL TEACHERS	SECONDARY SCHOOL TEACHERS
Dance Games of Low Organization Free Exercise	Dance Games of Low Organization Free Exercise	Dance Free Exercise Basketball; Soccer (M) Volleyball Athletics (track & field)

CODE: non-Italics=1963 listing; non-coded activity=required for both men and women.

Cambodia

PHYSICAL EDUCATION TRAINING INSTITUTIONS. 1963 - The Commissariat Général aux Sports has the responsibility for the planning of the teacher training programs for physical education teachers.

TRAINING INSTITUTION		NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR		
					PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
FOR PHYSICAL EDUCATION TEACHERS ONLY National Institute for Physical Education and Sports	1963	1	1	18			

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. 1963 - Certificate of Instructorship in Physical and Sport Education: 1 year.

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. 1963 - At the present time dressing rooms, showers, gymnasiums, and other indoor facilities at the National Institute for Physical Education and Sports are adequate. The newly established Center for Research and Documentation carries out research in physical education. At the present, the library of the National Institute for Physical Education and Sports is open to both teachers and students.

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF PRIMARY SCHOOL TEACHERS	SECONDARY SCHOOL TEACHERS
Classic Dance	Folk Dance
Folk Dance	Gymnastics
Gymnastics	Basketball (E-M-W)
Basketball (E-M-W)	

CODE: M=men only; W=women only; E=elective; non-Italics=1963 listing; non-coded activity=required for both men and women.

PROFESSIONAL TRAINING. 1963 - Anatomy, Physiology, General Hygiene, General Psycho-Pedagogy, Organization of Sport Activity, History of Physical Education and Sports, General Principles of Physical Education, Methods of Physical Education, General Sports Education, Bases for Physical Activity, Free Hand Exercise, Tumbling, Apparatus, Combatives.

Canada

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - The teachers' colleges and professional schools of the faculties of physical education in the universities have the responsibility for planning the teacher training programs for physical education teachers.*

TRAINING INSTITUTION	NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
FOR PHYSICAL EDUCATION TEACHERS ONLY	*1967*	*1-2*	*18-19*	*x*	*x*	
		3-4	*18-19*			*x*
FOR TEACHERS OF ALL SUBJECTS INCLUDING PHYSICAL EDUCATION	*1967*	*1-2*	*18-19*	*x*	*x*	
		1	*18-19*			*x*
UNIVERSITIES	*1967*	*3-4*	*18-19*	*x*	*x*	*x*

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. *1967 - Basic Teacher's Certificate: 1-2 years of study, for the teacher of physical education at the primary school level. Basic Teacher's Certificate plus specialist courses: 1-3 years of study, for the teacher of physical education at the intermediate school level. Undergraduate Degree in Physical Education: 3-4 years of study, for the teacher of physical education at the secondary school level. Special Certificate for Primary and Intern: 2-5 years of study, may be earned at a teacher training college. Undergraduate Degree (minimum) and Graduate Degree (preferably): 4-7 years of study, for the teacher of physical education at the universities.*

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. *1967 - The following facilities are considered essential in the training of physical education teachers in Canada: sports fields, gymnasiums, ice rinks, handball courts, squash courts, and swimming pools. Facilities are better and improving all the time, however the ideal is yet to be reached. Ten universities have research groups in schools of physical education. Library resources available vary from one university to another.*

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF

PRIMARY SCHOOL TEACHERS

Folk Dance (W) (E-M)
Square Dance (W)(E-M)
Calisthenics
Rhythmic Gymnastics (W)
Tumbling
Movement Gymnastics (W)
Apparatus
Outdoor Education (E-M-W)
Skiing (E-M-W)
Football (M); Soccer (M)
Basketball; Hockey
Volleyball; Fieldball
Track and Field
Competitive Swimming
Badminton; Tennis
Archery; Golf; Aquatics
Skating; Wrestling (M)
Mimetics (W) (E-M)

INTERMEDIATE SCHOOL TEACHERS

Folk Dance (W); Mimetics (W)
Modern Dance (W)
Ballroom Dance (W)
Square Dance (W)
Calisthenics
Rhythmic Gymnastics (W)
Tumbling
Movement Gymnastics (W)
Apparatus
Outdoor Education (E-M-W)
Skiing (E-M-W)
Rowing (E-M)
Football (M); Soccer (M)
Basketball; Hockey
Volleyball; Fieldball
Track and Field
Competitive Swimming
Badminton; Tennis
Archery; Golf; Aquatics
Skating; Wrestling (M)

SECONDARY SCHOOL TEACHERS

Folk Dance
Modern (W)
Mimetics (W)
Square Dance
Calisthenics
Rhythmic Gymnastics (W)
Tumbling
Movement Gymnastics (W)
Apparatus
Outdoor Education
Skiing; Rowing (E-M)
Football (M); Soccer (M)
Basketball; Hockey
Volleyball; Fieldball
Competitive Swimming
Badminton; Tennis
Archery; Golf; Aquatics
Skating; Wrestling (M)
Track and Field

CODE: M=men only; W=women only; E=elective; *Italics=1967 listing;* non-coded activity=required for both men and women.

PROFESSIONAL TRAINING. *1967 - Training includes: methods and materials, program content, and undergraduate degree subjects.*

1967 - The time required to become a teacher of physical education is the same as that for other disciplines such as mathematics, history, foreign language, etc.

CHANGES, DEVELOPMENT, AND PROGRESS IN THE PHYSICAL EDUCATION TEACHER TRAINING PROGRAM. *1967 - During the past three years ten universities have added new schools of physical education. All ten provinces of Canada now have at least one such school. The Fitness and Amateur Sports Act (1961) has assisted several hundred teaachers to do graduate work. It has also provided financial support for undergraduates. The number of Canadian schools offering graduate work has increased. The University of Alberta offers the Ph.D. as of September, 1967. Concern for improved fitness has led to an extension of the general acceptance of physical education. The growth of the national professional association, CAHPER, has improved participation and the acceptance of physical education as a discipline within education.*

Chile

1967 - It is evident from the study, "Unesco-ICHPER Study on Educational Planning in Health, Physical Education, and Recreation," which the ICHPER had recently undertaken for Unesco, that a modification of the physical education teacher training programs is currently taking place. As the teacher training programs are being revised, information of a general nature is only available for 1967. Listed below is the information supplied for 1963 in its entirety and is followed by that given by the respondent for 1967.

PHYSICAL EDUCATION TRAINING INSTITUTIONS

1963 - The Institution for Physical and Vocational Education at the University of Philosophy and Education has the responsibility for planning teacher training programs.

CHILE (Cont.)

TRAINING INSTITUTION	NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR		
				PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
FOR TEACHERS OF ALL SUBJECTS INCLUDING PHYSICAL EDUCATION	7	4	18	x		
UNIVERSITIES	1	4	18	x	x	x

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. State Teacher of Physical Education: 1 year of general studies and 4 years of specialized studies. Physical Education Instructor for Primary Schools: 2 years of special studies.

FACILITIES AND RESOURCES. Dressing rooms and showers, gymnasiums, outdoor fields, and swimming facilities are not usually available in adequate supply.

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF		
PRIMARY SCHOOL TEACHERS	INTERMEDIATE SCHOOL TEACHERS	SECONDARY SCHOOL TEACHERS
Folk Dance	Classic Dance (W)	Classic Dance (E-M)
Educational Gymnastics	Folk Dance	Folk Dance (E-M)
Camping (E-M-W)	Educational Gymnastics	Educational Gymnastics
Mountaineering (E-M-W)	Camping (E-M-W)	Camping (E-M-W)
Athletics (track & field)	Athletics (track & field)	Mountaineering (E-M-W)
Basketball	Basketball	Athletics (track & field)
Volleyball	Volleyball	Basketball
Soccer (M)	Soccer (M)	Volleyball
Swimming	Swimming	Soccer (M); Swimming

CODE: non-Italics=1963 listing only; M=men only; W=women only; E=elective.

PROFESSIONAL TRAINING. Courses include: General Psychology, Adolescent Psychology, Sociology, Introduction to Philosophy, Human Anatomy, Experimental Physiology, Didactics, Theory of Gymnastics, Corrective Gymnastics, Gymnastics and Physical Education, Social Physical Education, History of Physical Education, Nutrition, Recreation, First Aid, Statistics, Practice Teaching.

1967 INFORMATION

In Chile there are the following training schools for physical education professors: Institute of Technical and Physical Education of the University of Chile; Department of Physical Education at the University of Chile in Valparaiso; Catholic University in Valparaiso; and the University of the North in Antofagasta.

As the majority of these schools have recently been created and their curriculum is changing, in order to answer the questionnaire, we have only considered the Institute of Physical Education at the University of Chile which prepares teachers at the university level through four years of training and meets the three important goals of the university: professional training, scientific research, and cultural dissemination.

It is of interest to note that the professors trained through the program in this institute are qualified to teach physical education in primary and secondary schools and are also qualified to conduct sports activities and recreation as demanded by the community and organized sport.

Facilities needed for the preparation of teachers of physical education while inadequate are being improved. A new stadium is being constructed and it will include the necessary courts, rooms, and offices required by a modern physical education department.

A library of rather good quality is available to students and faculty. It includes both books and magazines from within and outside Chile. However, the quantity of publications is less than that desired. An exchange between the journal published by the Institute and those published by similar groups in other countries is being carried on.

Each student is required to successfully complete a research seminar. Research is being conducted on several significant national problems dealing with nutrition and alcoholism.

Study for the diploma of State Teacher of Physical Education which is awarded to secondary school teachers requires four years. Three years of study are now required for the diploma of State Teacher in Basic Education with specialization in physical education. This diploma is for teachers in the primary schools.

Students preparing to teach physical education must have successfully completed the 12 years of primary and secondary school education and be between 17 and 20 years old. Older students may be admitted but special approval for entry is required.

The objectives of the teacher training program are an follow:

1. *Modernization of the technical knowledge and methods of research, according to the scientific findings.*
2. *To develop and define elements in the body of knowledge of physical education according to the scientific progress and social theory.*
3. *To increase the importance of physical education in society.*
4. *To place greater emphasis on research for the improvement of educational training.*
5. *To endeavor to conciliate the necessity of a national doctrine in physical education with the fundamentals on which physical education must be founded.*
6. *To work toward resolving the material problems (stadium, buildings of all classes, sports fields, equipment, etc.)*
7. *A recognition of the value of phsyical education as a part of the process of total education.*
8. *To endeavor to prepare professionals to serve both the school and the community.*

China

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - The Ministry of Education, normal schools, and normal universities have the responsibility for planning the teacher training programs for physical education teachers.* 1963 - The Taiwan Provincial Normal University, Taiwan Provincial College of Physical Education, and the Taiwan Provincial Junior Teachers College had the responsibility for planning the teacher training programs for physical education teachers.

TRAINING INSTITUTION		NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR		
					PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
FOR PHYSICAL EDUCATION	1963	1	3	16-18	x		
TEACHERS ONLY	1963	1	3	18-20		x	x
	1967		*3*	*18*			*x*
FOR TEACHERS OF ALL	1963	1	3	16-18	x		
SUBJECTS INCLUDING	*1967*		*5*	*15*		*x*	
PHYSICAL EDUCATION	*1967*		*4*	*18*			*x*
UNIVERSITIES	1963	1	5	18-20		x	x
	1967					*Normal school and college*	*University and college*

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. *1967 - Bachelor's Degree: 4 years of study, and Diploma: 3 years of study, for the teacher of physical education at the secondary school. Bachelor's Degree: 4 years of study, for the teacher of physical education at both the teacher training institution and university levels.* 1963 - Bachelor's Degree (Taiwan Provincial Normal University): 5 years. Certificate (Taiwan Provincial College of Physical Education): 3 years. Certificate (Taiwan Provincial Junior Teachers College): 3 years.

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. _1967 - Facilities which are considered essential in the training of physical education teachers in the Republic of China are laboratory, library, standard playgrounds and facilities. However, there is a lack of gymnasiums, playgrounds, showers, and laboratory facilities. The conducting of research in physical education in institutions where physical education teachers are trained is just beginning. Only basic research is being conducted. Library resources are scarce. Only a few books, periodicals, and papers on physical education are published each year._

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF		
PRIMARY SCHOOL TEACHERS	INTERMEDIATE SCHOOL TEACHERS	SECONDARY SCHOOL TEACHERS
Folk Dance*; Apparatus*	Folk Dance _(E-M-W)_	Folk Dance _(E-M-W)_; Rugby (M)*
Rhythmic Gymnastics*	Rhythmic Gymnastics*	Apparatus _(M)_; Soccer (M)
Basketball*; Boxing* (E-M)	Apparatus _Creative Dance (E-W)_	Rhythmic Gymnastics*
Athletics* (track and field)	Basketball _(E-M)_	Basketball Boxing (E-M)*
Baseball* (M); Softball* (W)	Boxing (E-M)*	Athletics (track & field)
Volleyball*; Aquatics*	Athletics (track & field)	Baseball (M) Softball (W)
Badminton* (W); Soccer* (E-M)	Baseball (M)_(E-M)_	Volleyball Swimming _(E-M-W)_
Rugby* (E-M)	Softball (W)* _Tumbling_	Tennis (E-M-W)* Badminton (W)*
Kou Shu* (Chinese Boxing)	Volleyball* _Hiking (E-M-W)_	German Style Handball (E-M)*
Gardening (E-M-W)	Swimming _(E-M-W)_	_Cross Country Running (E-M)_
	Tennis (E-M-W)*	Kou Shu (Chinese Boxing)*
	Badminton (W)* _Dodge Ball_	Weight Lifting (E-M)*
	German Style Handball (E-M)*	_Modern Dance (E-W) Tumbling_
	Kou Shu (Chinese Boxing)*	_Classic Dance (E-W)_
	Weight Lifting (E-M)*	_Creative Dance (E-W)_

CODE: M=men only; W=women only; E=elective; _Italics=1967 listing;_ non-Italics=1963 and 1967; non-coded activity=required for both men and women; *=1963 listing only.

PROFESSIONAL TRAINING. _1967 - The following compulsory courses are included in the training of physical education teachers for the primary, intermediate, and secondary levels: Principles of Physical Education, Administration, Teaching Methods, Test & Measurement, and activities. Adapted Physical Education is offered as an elective to those preparing to become physical education teachers at the primary level._ 1963 - (a) Taiwan Provincial Teachers' College: secondary school students are admitted by examination. For those wishing to prepare themselves in physical education there are special elective courses. (b) Taiwan Provincial College of Physical Education: high school graduates are admitted through examination or on recommendation. Courses cover 2 years of study and 1 year of practice. Athletic coaches and high school teachers of physical education are also trained here. (c) Taiwan Provincial Normal University: included in the training of physical education teachers are the following compulsory courses for all college students: Chinese, English, Modern History of China, Introduction to Philosophy, International Relations, Introduction to Education, Psychology, Mandarin, General Methods of Teaching, Teaching Practice, Military Training. Compulsory courses for students of physical education: Human Anatomy, Human Physiology, Principles of Physical Education, General Biology, History of Physical Education, Administration of Physical Education, Officiating and Coaching of Sports, Methods of Teaching, Statistics, Boy Scout Education, Music, Hygiene, and Sport Technique courses.

1967 - The time required to become a teacher of physical education is the same as that for other disciplines such as mathematics, history, foreign language, etc.

CHANGES, DEVELOPMENT, AND PROGRESS IN THE PHYSICAL EDUCATION TEACHER TRAINING PROGRAM. _1967 - During recent years the emphasis has been on research work. The professionals are interested in finding their own data to support their principles and philosophies._

Colombia

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - The Academic Counselor of the Faculty of Physical Education and Health has the responsibility for planning the teacher training programs for physical education teachers.* **1963 - The Physical Education University, under the National Teachers' Training College in Bogota, has the responsibility for planning teacher training programs.**

TRAINING INSTITUTION		NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
FOR PHYSICAL EDUCATION TEACHERS ONLY	1963	1	4	18-20	x	x	x
	1967	*1*	*4*	*18-25*			*x*

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. *1967 - Classroom Teacher Diploma: 6 years of study at the high school, for the physical education teacher at the primary school level. Physical Education Diploma: 4 years of study at the university, for the teacher of physical education at the intermediate and secondary schools, teacher training institutions, and universities.* **1963 - "Licenciado" in physical education: 4 years.**

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. *1967 - The following facilities are considered essential in the training of physical education teachers in Colombia: gymnasiums, sports fields, swimming pools, athletic tracks, dressing rooms, and shower rooms. However, there is a lack of gymnasiums, sports fields, and equipment. There are no provisions made to conduct research in physical education in institutions where physical education teachers are trained. The library facilities are scarce since there are not sufficient specialized works in Spanish. Most works that can be acquired are in English and cannot be totally comprehended due to the lack of the knowledge of English.*

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF PRIMARY SCHOOL TEACHERS	INTERMEDIATE SCHOOL TEACHERS AND SECONDARY SCHOOL TEACHERS
Educational Gymnastics	**National Folk Dances**
Camping	**Foreign Folk Dances**
Recreational Games	**Apparatus; Tennis**
Basketball; Volleyball	**Rhythmic Gymnastics**
Tennis*	**Educational Gymnastics***
Rounds	**Camping; Recreational Games**
Soccer (M)	**Basketball; Volleyball**
Athletics (track & field)	**Swimming; Baseball (M)**
	Softball* (W)
	Modern Dances; Classic Dances
	Soccer (M); Fencing
	Athletics (track & field)

CODE: **M=men only; W=women only;** *Italics=1967 listing;* **non-Italics=1963 and 1967; non-coded activity= required for both men and women; *=1963 listing only.**

PROFESSIONAL TRAINING. *1967 - Courses for the teacher of physical education at the secondary school level include the following: General Culture: Religion, Mathematics, Spanish, English, Philosophy; General Professional Development: Psychopedagogy, Music Education, Cultural Activities, General Didactics, Statistics, History and Principles of Physical Education, Professional Ethics, Organization and Administration of Physical Education, Plans and Program; Biological Sciences: Physiology of Exercise, Anatomy, Biology, Anthropometry, Physiotherapy, Body Mechanics, Sports Medicine, First Aid; Gymnastics: Educational, Rhythmic, Olympic; Sports: Track and Field, Basketball, Volleyball, Tennis, Swimming and Life Saving Methods, Fencing, Equestrian, Soccer, Baseball, Softball, Marksmanship, Sports Techniques: Folk Dancing: National, Latin American, Foreign; Others: Recreation, School Bands, Excursions, Pedagogical Games, Educational and Corrective Didactics, Practice Teaching, Personal and*

Community Health, Journalism, Seminars. 1963 - History of Philosophy, Philosophy, General Psychology, Psychology, Biology, Music, Anatomy, Physiology of Exercise, Anthropometry, Personal Hygiene, Nutrition, Individual and Community Health, Methodology, Organization and Administration of Physical Education, Planning Programs, Recreation, Pedagogy of Games, Theory of Gymnastics, Educational Gymnastics, Theory of Sports, Folk Dances, Ballet, Camping, Practice Teaching.

1967 - The time required to become a teacher of physical education is the same as that for other disciplines such as mathematics, history, foreign language, etc.

CHANGES, DEVELOPMENT, AND PROGRESS IN THE PHYSICAL EDUCATION TEACHER TRAINING PROGRAM. *1967 - During the past three years, training courses have been given to physical education teachers without a degree. Courses are now conducted on a semester basis. Students must complete eight semesters of course work.*

Congo-Brazzaville

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - With no training colleges being available, the Directorate of the Youth and Sports Section organizes in-service training courses for teachers and instructors with the help of the teachers.*

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. *1967 - At the primary school level - Teacher and Instructor: 1 year of study. At the intermediate school level - Teacher: 2 years of study; Head Instructor: 1 year of study; and Instructor: 3 months of study. At the secondary school level - Professorship: 4 years of study; Teacher: 2 years of study; Head Instructor: 1 year of study; and Instructor: 3 months of study. At the university - Professorship: 4 years of study. Assistant Professorship: 3 years of study.*

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. *1967 - For in-service training the following are needed: gymnasiums with the necessary apparatus and balls. No provisions have been made to conduct research in physical education. There are no library resources available to students in physical education.*

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF PRIMARY SCHOOL TEACHERS	INTERMEDIATE SCHOOL TEACHERS	SECONDARY SCHOOL TEACHERS
Outdoor Activities	*Outdoor Activities*	*Folk Dance (E-W)*
Soccer (M)	*Soccer (M)*	*Rhythmical Dance (W)*
Basketball	*Basketball*	*Rhythmic Gymnastics (W)*
Volleyball	*Volleyball*	*Apparatus*
Handball	*Handball*	*Gymnastics*
Athletics (track & field)	*Athletics (track & field)*	*Outdoor Activities*
	Swimming (E-M)	*Mountaineering (summer)*
	Boxing (E-M); Wrestling (E-M)	*Mountaineering (winter) (E-M-W)*
		Sailing (E-M-W)
		Soccer (M); Basketball
		Volleyball; Handball
		Athletics (track & field)
		Boxing (M); Wrestling (M)
		Judo (M); Swimming

CODE: M=men only; W=women; E=elective; *Italics=1967 listing;* non-coded activity=required for both men and women.

PROFESSIONAL TRAINING. *1967 - Training includes theoretical, pedagogical, and physical training in the teacher training institutions, as well as natural methods, athletics, and games as electives.*

1967 - The time required to become a teacher of physical education is the same as that for other disciplines such as mathematics, foreign language, history, etc. There is accelerated training for instructors through locally organized courses.

CHANGES, DEVELOPMENT, AND PROGRESS IN THE PHYSICAL EDUCATION TEACHER TRAINING PROGRAM. *1967 - During the past three years there have been no changes.*

Congo-Kinshasa

PHYSICAL EDUCATION TRAINING INSTITUTIONS. 1963 - The Central Ministry of National Education and Fine Arts has the responsibility for the planning of teacher training programs.

TRAINING INSTITUTION		NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
FOR PHYSICAL EDUCATION TEACHERS ONLY	1963	1	6	14			x

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. 1963 - Physical education degree and qualifying diploma: 6 years post-primary. M.A. in physical education (so far, expatriate teachers): 4 years in university.

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. 1963 - Dressing rooms, showers, gymnasiums, outdoor fields, and swimming facilities and apparatus are usually available in adequate quantity. Library resources are available to students at the Institute of Physical Education in Leopoldville.

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF PRIMARY SCHOOL TEACHERS	INTERMEDIATE SCHOOL TEACHERS AND SECONDARY SCHOOL TEACHERS
Folk Dance	Classic Dance
Apparatus	Apparatus
Rhythmic Gymnastics	Rhythmic Gymnastics
Camping (E-M-W)	Camping (E-M-W)
Basketball (E-M-W)	Basketball (E-M-W)

CODE: M=men only; W=women only; E=elective; non-Italics=1963 listing; non-coded activity=required for both men and women.

Cyprus-Greek

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - The Ministry of Education has the responsibility for planning the teacher training programs for primary and intermediate school teachers. There is no training in Cyprus for the secondary school physical education teachers; they are trained abroad, mainly in Greece.* 1963 - The Communal Chamber had the responsibility for planning the teacher training programs for elementary school teachers. There is no training in Cyprus for the secondary school teachers.

TRAINING INSTITUTION		NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR		
					PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
FOR TEACHERS OF ALL SUBJECTS INCLUDING PHYSICAL EDUCATION	1963	1			x		
	1967	*1*	*3*	*19*	*x*	*x*	

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. *1967 - Facilities which are considered essential in the training of physical education teachers in Cyprus (Greek) are playing fields, gymnasiums (fully equipped, i.e. showers, dressing rooms, apparatus, etc.), swimming pool, and track fields. The facilities provided are adequate with the exception of swimming pools. No provisions are made to conduct research in physical education in institutions where physical education teachers are trained. There is a small library in the teacher training institution which contains Greek and English books on sports, gymnastics, history of physical education, and methodology.*

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF	
PRIMARY SCHOOL TEACHERS	INTERMEDIATE SCHOOL TEACHERS
Folk Dance	*Folk Dance*
Apparatus	*Modern Dance (W)*
Rhythmic Gymnastics	*Rhythmics*
Vaulting & Agility	*Apparatus*
Camping	*Vaulting & Agility*
Athletics (track & field)	*Teaching Method*
Soccer (M)	*Camping*
Volleyball	*Athletics (track & field)*
Games of Low Organization	*Soccer (M)*
Modern Dance (W)	*Basketball*
Teaching Method	*Volleyball*
Basketball	*Games of Low Organization*

CODE: W=women only; *Italics=1967 listing;* non-Italics=1963 and 1967; non-coded activity=required for both men and women

PROFESSIONAL TRAINING. *1967 - Compulsory courses on the activities listed for the primary and intermediate school teachers above are included in the training of physical education teachers for the primary and intermediate levels. They are offered over a 3-year period during 2 periods per week.* 1963 - Courses include Methods of Teaching, Folk Dance, Apparatus, Gymnastics, Track & Field, Soccer, Volleyball, and Games of Low Organization.

There is no training institution for teachers of physical education in Cyprus (Greek). Teachers are trained in Greece or Europe. There is a Teachers' Training Academy which trains teachers for all subjects of the school curriculum, but there are no specially trained teachers of physical education for the primary schools. Nearly 100 teachers per year are trained for the elementary schools.

1967 - The time required to become a teacher of physical education is less than that for other disciplines such as mathematics, history, foreign language, etc.

CHANGES, DEVELOPMENT, AND PROGRESS IN THE PHYSICAL EDUCATION TEACHER TRAINING PROGRAM. *1967 - In the past three years, efforts have been made to improve the playing fields, to provide more facilities, to organize more courses for teachers, and to improve standards. There has also been participation in the European Athletic Diploma tests.*

Cyprus-Turkish

PHYSICAL EDUCATION TRAINING INSTITUTIONS. 1963 - The Turkish Office of Education, Cyprus, has the responsibility for planning teacher training programs for elementary school teachers. The Ministry of Education, Turkey, has this responsibility for secondary schools.

TRAINING INSTITUTION		NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR		
					PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
FOR TEACHERS OF ALL SUBJECTS INCLUDING PHYSICAL EDUCATION	1963	1	3	19	(The Turkish Training College) x Cyprus	x	Turkey

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. 1963 - Diploma (for Secondary Schools): 3 years.

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. 1963 - Dressing rooms and showers are available but not in adequate quantity. Outdoor fields are adequate. Secondary school physical education teachers are trained in Turkey, where equipment and facilities are satisfactory. No provisions have been made to conduct research in physical education. There are no library resources available for the students' use.

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF	
PRIMARY SCHOOL TEACHERS AND INTERMEDIATE SCHOOL TEACHERS	SECONDARY SCHOOL TEACHERS
Classic Dance	Classic Dance (E-M-W)
Folk Dance	Folk Dance (E-M-W)
Apparatus	Apparatus
Rhythmic Gymnastics	Rhythmic Gymnastics
	Camping
	Mountaineering
	Basketball

CODE: M=men only; W=women only; E=elective; non-Italics=1963 listing; non-coded activity=required for both men and women.

PROFESSIONAL TRAINING. 1963 - Elementary school teachers: Trained in Cyprus. Secondary school teachers: Trained in Turkey.

Czechoslovakia

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - The Ministry of Education, The Institute for Education of Teachers at the Charles University, the Scientific Pedagogical Institute, Chairs of Universities, the Scientific Physical Education Institution and the Scientific Council of CSTV have the responsibility for planning the teacher training programs for physical education teachers.* 1963 - The Czechoslovak Union for Physical Training has the responsibility for planning the training program.

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. *1967 - The university studies of physical education teachers are ended with a degree after passing all State examinations. The title earned at the Institutes of Physical Education and the Pedagogic Faculties is that of Graduated Pedagogue; after further intensive examinations that of Doctor.*

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. *1967 - The following facilities are considered essential in the training of physical education teachers in Czechoslovakia: classrooms, laboratories, gymnasiums, playing fields, swimming pools, skating rinks, ski areas, tourist training areas. However, some schools lack their own facilities and so must use rented facilities which are often very far from the schools. Provisions have been made for the conducting of research in physical education in institutions where physical education teachers are trained. Special books and scripts are available for the students' use at every university library.*

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PRIMARY SCHOOL TEACHERS AND INTERMEDIATE SCHOOL TEACHERS AND SECONDARY SCHOOL TEACHERS*
Dance
Gymnastics
Outdoor Activities
Sports

* Activities may be required or elective courses.

CODE: *Italics=1967 listing*

PROFESSIONAL TRAINING. 1963 - There is an Institute of Physical Training and Sport at Charles University and another at Comenius University. After 5 years of study, either by regular or external courses, graduates become Physical Training professors of the University Chairs for Physical Training, teachers at the technical and normal schools, experts for the needs of the physical training and sports movement, or research workers at the Scientific Research Institute for Physical Training and Sport. Those students who wish to teach physical training must take special studies, i.e. in addition to the physical training education, they have to take another instruction course (Czech, Biology, Geography, etc.). The above institutes have 8 chairs: Theory of Physical Training Education, Anatomy and Physiology, Hygiene and Medical Control, Sports Gymnastics, Sport-Games, Light Athletics, Swimming, and Tourism. Attached to both these institutes are external 3-year courses. The School for Trainers prepares specialists for individual sport subjects. This school is accessible either to voluntary trainers, who already have achieved good results, or to top sportsmen. Everything is free of charge and regular students of the Institute for Physical Training and Sports are entitled to state grants. Physical training teachers for the lower school levels are prepared at the Pedagogics Institutes, located in all the larger cities. Two additional subjects, chosen by the individual, are required.

1967 - The time required to become a teacher of physical education is the same as that for other disciplines such as mathematics, history, foreign language, etc.

CHANGES, DEVELOPMENT, AND PROGRESS IN THE PHYSICAL EDUCATION TEACHER TRAINING PROGRAM. *1967 - During the past three years teachers of physical education at the primary schools must have special teaching qualifications; salaries of teachers at the secondary schools and universities have been adjusted; and study at the pedagogic faculties and institutes is of higher quality as the result of scientific work. Physical education teachers are also taking part in the voluntary physical education clubs registered in the CSTV. The teaching plans of teachers are checked and will be reformed in 1970. This is part of the new concept of teacher training.*

Denmark

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - The Ministry of Education has the responsibility for the planning of teacher training programs for physical education teachers.* 1963 - The Ministry of Education and the universities were listed as having this responsibility.

TRAINING INSTITUTION		NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR		
					PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
FOR TEACHERS OF ALL SUBJECTS INCLUDING PHYSICAL EDUCATION	1963	30	4	18	x	x	
	1967	*30*	*4*	*18*	*x*	*x*	
		(Teacher training colleges for ordinary teachers)					
UNIVERSITIES	1963	1	2	19			x
	1967	*1*	*2 plus main subject*	*19*			*x*

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. *1967 - Teachers' Examination: 4 years of study, for the teacher of physical education at the primary and intermediate school levels. University Degree in two subjects: 6 years of study (gymnastics-2 years), for the teacher of physical education at the secondary school level. Required teacher training plus 1 year of additional course work for the teacher of physical education at the teacher training institutions.*

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. *1967 - The following facilities are considered essential in the training of physical education teachers in Denmark: gymnasiums (with dressing rooms, showers, etc.), playing fields, athletic tracks, and swimming pools. The facilities provided for this training are considered adequate. Provisions for the conducting of research in physical education are made at The Danish State Institute of Physical Education. Research includes the areas of testing and rhythmic gymnastics. The physical education library resources available to students include almost all foreign and Danish literature on physical education.*

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF	
PRIMARY SCHOOL TEACHERS	INTERMEDIATE SCHOOL TEACHERS AND SECONDARY SCHOOL TEACHERS
Folk Dance (W)	Folk Dance (W)
Apparatus	Apparatus
Rhythmic Gymnastics	Rhythmic Gymnastics
Handball*	Orienteering*(E-M-W)*
Basketball	Handball*
Volleyball*	Basketball
Rounders*	Volleyball*
Lang-ball*	Rounders*
Soccer (M)	Lang-ball*
	Soccer (M)

CODE: M=men only; W=women only; E=elective; *Italics=1967 listing;* non-Italics=1963 and 1967; non-coded activity=required for both men and women; *=1963 listing only.

PROFESSIONAL TRAINING. 1963 - Primary school teachers: These teachers are trained at teacher training colleges in all school subjects including physical education. Curriculum includes Practice Exercise, Games, Track and Field, and Practice Teaching. Those who want to teach in the large towns often seek supplementary training at either the Danish Teachers' High School, where most subjects are taught, or the Physical Training Teachers' College of Denmark, which provides advanced instruction in gymnastics and athletics. The 1-year course of the Physical Training Teachers' College comprises about 1,400 lessons. Among the subjects taught are: Anatomy, Physiology, Physical Training Theory, History of Physical Training, Hygiene and First Aid, Gymnastic Exercises, Games, Swimming, Track and Field, and Methods in Practice Teaching. The women students are also taught Gymnastic Exercises (with music) and Folk Dance. Higher education: The training of school teachers in physical education is in line with the training given in other subjects since teachers of physical education also teach other subjects. However, for those who study physical training as a major or a minor subject, attention is given to Anatomy and Physiology with special emphasis on the Physiology of Exercise. Those who have a minor in physical training concurrently take a 1-year course at the Physical Training Teachers' College. Those who have physical training as a major university subject take a special course in Physiological Laboratory Exercise, plus a special study of a self-chosen section of physiology, based on original essays. Special efforts are made to enable interested students to take up research in those branches of physiology which are of special importance to physical training.

1967 - The time required to become a teacher of physical education is the same as that for other disciplines such as mathematics, history, foreign language, etc.

CHANGES, DEVELOPMENT, AND PROGRESS IN THE PHYSICAL EDUCATION TEACHER TRAINING PROGRAM. *1967 - During the past three years no changes have taken place.*

Dominican Republic

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - The National School of Physical Education has the responsibility for the planning of teacher training programs for physical education teachers.* 1963 - The Technical Office of the General Director for Physical Education has the responsibility for planning teacher training programs.

TRAINING INSTITUTION		NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR		
					PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
FOR PHYSICAL EDUCATION TEACHERS ONLY	1963	1	2	18	x	x	x
	1967		*2*		*x*	*x*	*x*
FOR TEACHERS OF ALL SUBJECTS INCLUDING PHYSICAL EDUCATION	1963	1	2	18	x	x	x

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. *1967 - Physical Education Teacher: 2 years of study, for the teacher of physical education at the primary, intermediate, and secondary school levels.* 1963 - Physical Education Teachers for Schools: 2 years.

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. *1967 - The following facilities are considered essential in the training of physical education teachers in the Dominican Republic: gymnasiums, tracks, and volleyball and basketball courts. However, they do not have adequate facilities for the practice of school sports. Recreation areas do not exist and there is a lack of gymnasiums. As of this date there have been no provisions made to conduct research in physical education in the institutions where physical education teachers are trained. The National School does not have an actual physical education library. However, the school director is in the process of developing one.*

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF PRIMARY SCHOOL TEACHERS AND INTERMEDIATE SCHOOL TEACHERS AND SECONDARY SCHOOL TEACHERS
Folk (National) Dance
Rhythmic Gymnastics
Basketball (M)
Volleyball
Baseball* (M)
Softball* (M)
Athletics (track & field)
Soccer (M)

CODE: M=men only; *Italics=1967 listing;* non-Italics=1963 and 1967; non-coded activity=required for both men and women; *=1963 listing only.

PROFESSIONAL TRAINING. *1967 - The courses included in the professional training of physical education teachers for primary schools, intermediate schools, and secondary schools are identical for all three levels.* 1963 - At the present time courses for physical education teachers are being prepared.

1967 - The time required to become a teacher of physical education is not the same as that for other disciplines such as mathematics, history, foreign language, etc. The studies for the physical education teachers are different than those for the other disciplines. At the present the physical education studies are separate from the others and are under the Head Office of the School of Physical Education.

CHANGES, DEVELOPMENT, AND PROGRESS IN THE PHYSICAL EDUCATION TEACHER TRAINING PROGRAM. *1967 - Until three years ago, the National School of Physical Education was closed and this is one of the causes for the lack of physical education teachers in the Dominican Republic. Previously, the only requirement for entrance to the National School of Physical Education was a certain capacity, knowledge of sports, and an eighth grade certificate. Now, however, the students, as a minimum to be admitted to the National School of Physical Education, need to have passed the second course of the "Bachillerato" (baccalaureate). In the school now each subject area has a professor who specializes in this area. In the past, the same professor would have had the responsibility for several subject areas. The graduating professors from the National School of Physical Education are prepared to teach at any level. No distinction is made between the three levels of education in their preparation.*

Ecuador

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - The Universities of Quito and Guayaquil for their respective schools and the Institution of Physical Education have the responsibility for planning training programs for physical education teachers.* 1963 - The Central University of Ecuador; School of Physical Education; University of Guayaquil, Institute of Physical Education; Ministry of Education; and the Director of Physical Education have the responsibility for planning teacher training programs.

TRAINING INSTITUTION		NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
FOR PHYSICAL EDUCATION TEACHERS ONLY	1963	2	4	20	x	x	x
	1967		*4*	*19*	*x*		
FOR TEACHERS OF ALL SUBJECTS INCLUDING PHYSICAL EDUCATION	1963	15	6	13	x	x	
		(Normal schools, which train primary school teachers)					
OTHERS:	*1967*	*The academic professors, who are generally in charge of physical education in the elementary schools, train themselves with 6 years of study.*					

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. *1967 - Professor of Physical Education: 4 years of study, for the teacher of physical education at the secondary school level. The Professor of Physical Education can teach in whatever type of school.* 1963 - Primary school teachers: 1 or 2 years beyond secondary school. Secondary school teachers: 4 years of university study.

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. *1967 - The following facilities are considered essential in the training of physical education teachers in Ecuador: gymnasiums, sports fields, tracks, pools, and dance rooms. However, they lack covered gyms, dance rooms, swimming pools, courts, and other indispensable installations. Provisions are being made to conduct research in physical education in the School of Physical Education at the Central University. Library resources are available to students in physical education at the training institutions.*

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF PRIMARY SCHOOL TEACHERS	INTERMEDIATE SCHOOL TEACHERS	SECONDARY SCHOOL TEACHERS
Folk Dance*	Folk Dance* *(W - 1967)*	Folk Dance* (E-M) (W)
Constructive Exercises*	Constructive Exercises*	Constructive Exercises*
Agility*	Agility	Agility
Natural Movement	Rhythmic Gymnastics* (E-M) (W)	Rhythmic Gymnastics*

CODE: M=men only; W=women only; *Italics=1967 listing;* non-Italics=1963 and 1967; non-coded activity= required for both men and women; *=1963 listing only.

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF		
PRIMARY SCHOOL TEACHERS	INTERMEDIATE SCHOOL TEACHERS	SECONDARY SCHOOL TEACHERS
Camping*	Natural Movements	Natural Movement
Dances (in general) (W)	Camping*	Camping
Gymnastics	Volleyball; Basketball	Mountaineering (E-M)
	Swimming	Volleyball; Basketball
	Excursionism	Swimming*; Boxing; Soccer (M)
	Soccer (M); Track	*Excursionism*
	Gymnastics	*Gymnastics*
	Apparatus Gymnastics	*Apparatus Gymnastics*
	Dances (in general) (W)	*Dances (in general)*

CODE: M=men only; W=women; *Italics=1967 listing;* non-Italics=1963 and 1967; non-coded activity= required for both men and women; *=1963 listing only.

PROFESSIONAL TRAINING. *1967 - Compulsory courses included in the professional training of physical education teachers for primary schools, intermediate schools, and secondary schools are as follow: General Anatomy, General Physiology, Anatomy Applied to Physical Education, Physiology of Exercise, Biochemistry and Nutrition, General Pedagogical Materials, Pedagogy and Methodology of Physical Education, Anthropometry and Biometry, Measurement and Statistics, Organization and Administration; Methodology of Teaching each branch of Physical Education, and Theory and Practice of Physical Education.* 1963 - Comupulsory courses were the same as listed above.

1967 - The time required to become teachers of physical education is the same as that for other disciplines such as mathematics, history, foreign language, etc.

CHANGES, DEVELOPMENT, AND PROGRESS IN THE PHYSICAL EDUCATION TEACHER TRAINING PROGRAM. *1967 - In accord with the Law of Professional Defense, the title of Professor of Physical Education has been granted at the University of Quito and the University of Guayaquil during the past three years. As a result of this the teachers are given the opportunity of attending in-service courses in physical education. They may also attend the national meetings of teachers of physical education, which are carried out every two years. Certificates of completion are given for the promotion of rank within the Register of the Magistrate, without taking examinations, upon fulfilling the time of service as required by law.*

El Salvador

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - The General Director of Physical Education has the responsibility for planning the teacher training programs for physical education teachers.*

TRAINING INSTITUTION		NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR		
					PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
FOR PHYSICAL EDUCATION TEACHERS ONLY	*1967*	*2*	*2*	*18*	*x*	*x*	*x*
FOR TEACHERS OF ALL SUBJECTS INCLUDING PHYSICAL EDUCATION	*1967*	*1*	*4*	*16*	*x*	*x*	*x*
OTHERS:	*1967 - Others are projected for the future.*						

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. *1967 - Diploma: 2 years of study, for the teacher of physical education at the primary, intermediate, secondary school levels and at the teacher training institutions.*

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. *1967 - The following facilities are considered essential in the training of physical education teachers in El Salvador: gymnasiums, sports equipment, swimming pools, playing fields, tracks, basketball courts, and volleyball courts. A new gymnasium which has been recently built contains all of the above mentioned. Provisions have been made to conduct research in physical education. This is under the direction of the General Director of Physical Education. There is not an adequate library for students in either physical education or sports.*

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR THE PREPARATION OF		
PRIMARY SCHOOL TEACHERS	INTERMEDIATE SCHOOL TEACHERS	SECONDARY SCHOOL TEACHERS
Ballet (M)	*Ballet; Folk Dance*	*Ballet; Folk Dance*
Folk Dance (M)	*Free Exercises*	*Free Exercises*
Free Exercises	*Apparatus (E-M-W)*	*Apparatus*
Apparatus; Isometric	*Isometric*	*Isometric*
Kipu; Excursions	*Excursions*	*Kipu; Soccer (M)*
Camping (E-M-W)	*Camping (E-M-W)*	*Basketball*
Hiking (E-M-W)	*Hiking (E-M-W)*	*Baseball (M); Volleyball*
Soccer (M); Basketball	*Soccer (M); Basketball*	*Track and Field*
Baseball (M); Volleyball	*Baseball (M); Volleyball*	*Swimming; Softball*
Track and Field	*Track and Field*	
Swimming; Softball	*Swimming; Softball*	

CODE: M=men only; W=women only; E=elective; *Italics=1967 listing;* non-coded activity=required for both men and women.

PROFESSIONAL TRAINING. *1967 - Compulsory courses for the teacher at the primary school level include Rhythmic Games, Organized Games, Sports Fundamentals. Elective courses for the primary school level include Dances, Refereeing, and First Aid.*

1967 - The time required to become a teacher of physical education is less than that for other disciplines such as mathematics, history, foreign language, etc.

CHANGES, DEVELOPMENT, AND PROGRESS IN THE PHYSICAL EDUCATION TEACHER TRAINING PROGRAM. *1967 - In the past three years, the progress which has been obtained is due to the founding of schools concerned with various sports upon the arrival of some foreign technicians from Chile, United States, Brazil, and Argentina.*

England

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - Forty-two different University Area Training Organizations have the responsibility for the planning of teacher training programs for physical education teachers.* 1963 - The courses are planned by the individual colleges and submitted to the Board of Studies of the Institute of Education of the area University.

TRAINING INSTITUTION	NUMBER		YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
FOR PHYSICAL EDUCATION TEACHERS ONLY	1963	Women-7	3	18		x	x
	1963	Men- 2					
	1967		*3*	*17 or 18*			*x*
FOR TEACHERS OF ALL SUBJECTS INCLUDING PHYSICAL EDUCATION	1963	47	3	18	x		
	1967		*3*	*17 or 18*	*x*		*x*
UNIVERSITIES	1963	1	3+1	17		x	x
	1967		*3+1*	*17-19*	*x*		*x*
OTHERS:							
Physical education specialist departments in general colleges	1963	Women-8	3	18		x	x
	1963	Men- 8					

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. *1967 - Certificate of a University or Institute of Education: 3 years of study, and University Degree or Diploma: 3+1 years of study, for the teacher of physical education at the primary school level. The above also applies to the teacher of physical education at the secondary level. The basic qualifications as for the primary and secondary levels also apply to the teacher of physical education at the teacher training institution plus teaching experience and perhaps an Advanced Diploma of 1-year study. This also applies to the teacher of physical education at the university level.* 1963- Degree from University of Birmingham (Physical Education is one subject of Arts Course): 3 years + 1 year in Education Department for Teacher Training. Certificate of Education of University Institute of Education: 3 years. Certificate of Education in Physical Education at Carnegie College, Leeds (may be obtained by any postgraduate of this institution): 1 year. Diploma of Leeds University (students with a certificate may take a fourth year and receive the diploma): 1 year.

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. *1967 - The following facilities are considered essential in the training of physical education teachers in England: gymnasiums, swimming pools, playing fields, and running tracks. The facilities provided for the training of physical education teachers are considered adequate. Provisions for the conducting of research in physical education are made in the universities and Colleges of Education where physical education teachers are trained. The program of research is modest. The Physical Education Association of Great Britain and Northern Ireland has a lending library available to its members. Each College of Education and university has a reference and/or lending library available to students.*

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF PRIMARY SCHOOL TEACHERS	INTERMEDIATE SCHOOL TEACHERS	SECONDARY SCHOOL TEACHERS
Folk Dance*	Folk Dance*	Folk Dance*
Modern or Creative Dance (E-M)(W)	Modern or Creative Dance* (E-M)(W)	Modern or Creative Dance (E-M) (W)
Apparatus* (M)	Apparatus*(M)	Apparatus* (M)
Educational Gymnastics with Apparatus	Educational Gymnastics with Apparatus*(W)	Camping

CODE: M=men only; W=women only; non-Italics=1963 and 1967; non-coded activity=required for both men and women; *=1963 listing only.

(continued)

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF		
PRIMARY SCHOOL TEACHERS	INTERMEDIATE SCHOOL TEACHERS	SECONDARY SCHOOL TEACHERS
Camping*	Camping*	Educational Gymnastics with Apparatus (W)
Mountaineering* (E-M-W)	Mountaineering (E-M-W)*	Mountaineering* (E-M-W)
Netball (W); Lacrosse* (E-W)	Netball* (W); Lacrosse* (E-M) (W)	Netball* (W); Lacrosse* (W)
Basketball* (E-M)	Basketball* (M); Boxing* (M)	Basketball* (M); Boxing* (M)
Boxing* (E-M); Soccer (M)	Soccer and Rugby* (M)	Soccer and Rugby* (M)
Rugby* (M); Hockey* (W)	Hockey*; Tennis*	Hockey*; Tennis*
Tennis* (W); Cricket* (E-M-W)	Cricket*	Cricket*
Athletics (track & field)*	Athletics (track & field)*	Athletics (track & field)*
Swimming; Minor Games		*National Dance (W) (E-M)*
National Dance (W) (E-M)		*Competitive Gymnastics (E-M-W)*
		Canoeing (E-M-W)
		Orienteering (E-M)
		Skiing (E-M-W)
		There are about 25 sports from which teachers in training may select several for intensive study and practice.

CODE: M=men only; W=women only; E=elective; *Italics=1967 listing;* non-Italics=1963 and 1967; non-coded activity=required for both men and women; *=1963 listing only.

PROFESSIONAL TRAINING. 1963 - Primary school teachers teach all subjects and do not have specialists training in Physical Education, but have advisory help. Women may train at (a) specialist physical education colleges, (b) general colleges with specialist departments, and (c) Birmingham University plus 1 year teacher training. Men may train at Loughborough College and (b) and (c) above. In addition there is a 4-year course at Carnegie College, Leeds and a 1-year postgraduate course at Carnegie College.

1967 - The time required to become a teacher of physical education is the same as that for other disciplines such as mathematics, history, foreign language, etc.

CHANGES, DEVELOPMENT, AND PROGRESS IN THE PHYSICAL EDUCATION TEACHER TRAINING PROGRAM. *1967 - Until recently all teachers in training took a professional course in physical education. Now this is still required of primary school teachers but is optional for most secondary teachers. Those students for secondary schools who take physical education undoubtedly study the subject in increasing depth and have opportunities to specialize in a particular area of interest.*

Finland

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - The Institution of Physical Education of the University of Helsinki and the University of Jyväskylä Board, and the Ministry of Education have the responsibility for planning the teacher training programs for physical education teachers.* 1963 - The University of Helsinki Board, the Ministry of Education, and the Board of Education have the responsibility for planning teacher training programs. A committee named by the government has recently suggested a new program for training teachers of physical education.

TRAINING INSTITUTION		NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
FOR TEACHERS OF ALL SUBJECTS INCLUDING PHYSICAL EDUCATION	1963	10	2-6	18-20	x	x	
	1967	*10*	*2-6*	*18-20*	*x*		
UNIVERSITIES	1963	1	4	18-20	x	x	x
	1967		*3-4*	*19*			*x*
OTHERS: Sport institution courses for coaches for community and agency programs	1963	4	6 months	16-30			
	1967	*2*	*1-2*	*16-30*	*x*		

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. *1967 - Teacher of Physical Education (university level): Candidate in Physical Education (B.A.), 4 years of study; Candidate in Science of Physical Education (M.A.), 6 years of study; Licentiate of Science of Physical Education, 8 years of study; Doctor of Science of Physical Education, time of study varies; and Teacher of Ph.D., 3 years of study.* 1963 - Teacher of Physical Education: University degree, 4 years.

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. *1967 - The following facilities are considered essential in the training of physical education teachers in Finland: gymnasiums with dressing rooms and showers, outdoor fields, swimming pools, ski and excursion areas, auditoriums, seminar rooms, and student laboratory facilities. However, there is a lack of gymnasiums, playing fields, dressing rooms, and student laboratory facilities. New adequate facilities are planned for 1969. Provisions are made to conduct research in physical education in institutions where physical education teachers are trained. Each undergraduate student has to do some research work for all major courses (cum laude approbatur courses). Graduate students have to submit a thesis (Master's, Licentiate's, or Doctor's thesis). Research facilities are now rather inadequate, but are expected to be adequate in 1969. The University library is available to students. The collection of books dealing with physical education is still rather limited.*

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF PRIMARY SCHOOL TEACHERS	INTERMEDIATE SCHOOL TEACHERS	SECONDARY SCHOOL TEACHERS
Apparatus*	Folk Dance* (W)	Folk Dance (W) (E-M) *(M-W)*
Rhythmic Gymnastics*	Apparatus*	Apparatus; *Handball; Tennis*
	Rhythmic Gymnastics*	Rhythmic Gymnastics
	Mountaineering*	Mountaineering*; *Badminton*
	Basketball*	Basketball; Baseball (M); *Bandy*
	Baseball* (M)	Volleyball*; Soccer (M)
	Soccer*(M)	Athletics (track & field)
	Athletics (track & field)*	*Classic Dance; Ice Hockey (M)*
		Basic Gymnastics; Equipment
		Applied Gymnastics (E-M-W)
		Excursions; Orienteering
		Swimming; Skiing; Skating

CODE: M=men only; W=women only; E=elective; *Italics=1967 listing;* non-Italics=1963 and 1967; non-coded activity=required for both men and women; *=1963 listing only.

PROFESSIONAL TRAINING. *1967 - At the teacher training colleges for primary and intermediate level classroom teachers, teachers are also trained in physical education. Compulsory courses for secondary school teachers of physical education in the B.A. program include Pedagogics of Physical Education, Physiology of Exercise, Physiological Hygiene, Public Health, Anatomy, Kinesiology, and courses in the humanities and sciences.* 1963 - The Institution of Physical Education at the University of Helsinki has a 4-year course for teachers of physical education. During the fourth year practice teaching is done at a normal school. In teachers' colleges teachers preparing to teach at the primary and intermediate school levels also take physical education courses.

1967 - The time required to become a teacher of physical education is the same as that for other disciplines such as mathematics, history, foreign language, etc.

CHANGES, DEVELOPMENT, AND PROGRESS IN THE PHYSICAL EDUCATION TEACHER TRAINING PROGRAM. *1967 - In 1963, programs leading to the B.A., M.A., and finally to the Licentiate and Doctor of Physical Education degrees were started at the University of Jyväskylä.*

France

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - The Ministry of Youth and Sports has the responsibility for planning the teacher training programs for physical education teachers.* 1963 - The Haut-Commissariat à la Jeunesse et aux Sports (High Commission for Youth and Sports) has the responsibility for planning teacher training programs.

TRAINING INSTITUTION		NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR		
					PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
FOR PHYSICAL EDUCATION TEACHERS ONLY	1963	CREPS-13	1 or 2*	20			
		IREPS- 8					
		ENSEPS	3	22			
		Women- 1					
		Men- 1					
	1967	CREPS**	*1,2,3*	*20*		*x*	*x*
		IREPS	*1,2,3*	*20*		*x*	*x*
		ENSEPS	*3*	*22*			
OTHERS:							
Primary Teacher Training Institutes	*1967*		*4*	*16*			

* In order to widen the recruitment, some CREPS and IREPS train teachers in the same way as ENSEPS, which recruits on a competitive basis.

** *Same as above.*

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. *1967 - Primary Teacher Diploma: 4 years of study, for the teacher of physical education at the primary school level. Teacher's Certificate or CAPEPS: 2 years of study after BEPC, for the teachers of physical education at the intermediate and secondary school levels. CAPEPS, for the teacher of physical education at the university.* 1963 - Mastership: 2 years after lower certificate. Teacher's Certificate: 1st part - 1 year after baccalaureate; 2nd part - 4 years in all after baccalaureate.

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. *1967 - The following facilities are considered essential in the training of physical education teachers in France: dressing rooms, showers, gymnasiums, playing fields, swimming pools, and audio-visual aids. These facilities are considered adequate. No provisions have been made to conduct research in physical education in the institutions where physical education teachers are trained. There is a library in each CREPS, at ENSEPS, plus a reference center.*

FRANCE (Cont.)

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF PRIMARY SCHOOL TEACHERS	PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF SECONDARY SCHOOL TEACHERS
Folk Dance (E-W)	Folk Dance (W)
Apparatus (E-M)	Apparatus
Rhythmic Gymnastics (E-W)	Rhythmic Gymnastics (W) (E-M)*
Mountaineering (E-M-W)	Camping* (E-M-W)
	Mountaineering (E-M-W)* *(M-W)*
	Basketball
	Team Sports
	Individual Sports

CODE: M=men only; W=women only; E=elective; *Italics=1967 listing;* non-Italics=1963 and 1967; non-coded activity=required for both men and women; *=1963 listing only.

PROFESSIONAL TRAINING. *1967 - Courses for the professional training of physical education teachers include: Written tests: Anatomy, Physiology, Psycho-pedagogy. Ten physical tests: Swimming, Life Saving, Athletics (4), Free Hand Exercises, Apparatus, Climbing, Rhythmics or Dumb-bells. Oral tests: Demonstration of group sports.* 1963 - Same as for 1967.

1967 - The time required to become a teacher of physical education is the same as that for other disciplines such as mathematics, history, foreign language, etc.

CHANGES, DEVELOPMENT, AND PROGRESS IN THE PHYSICAL EDUCATION TEACHER TRAINING PROGRAM. *1967 - For the CAPEPS within the last three years, the pedagogical test which consists of writing a paper on and directing a physical education lesson has been replaced by two courses of instruction of six weeks in two different institutions.*

Gambia

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - The planning of the teacher training programs for physical education teachers is regarded as an internal matter for the college to decide upon.*

TRAINING INSTITUTION		NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
FOR TEACHERS OF ALL SUBJECTS INCLUDING PHYSICAL EDUCATION	*1967*	*1*	*3*	*18*	*x*	*x*	*x*

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. *1967 - Gambia Ministry of Education Teachers' Certificate: 3 years of study, for the teacher of physical education at the primary, intermediate, and secondary school levels. United Kingdom Teachers' Certificate of the Ministry of Education: 3 years of study, for the teacher of physical education at the teacher training institution.*

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. *1967 - There is a lack of gymnasiums, inadequate supply of lecturers, very limited apparatus and equipment, absence of specialized courses for the specialist physical education teachers in Gambia. No provisions have been made to conduct research in physical education. Library resources are poor, which is largely due to the fact that there are no special courses available for the training of specialist physical education teachers.*

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF PRIMARY SCHOOL TEACHERS	INTERMEDIATE SCHOOL TEACHERS	SECONDARY SCHOOL TEACHERS
Apparatus; Rhythmic Gymnastics *Soccer (M); Handball* *Cricket; Basketball* *Minor Games; Tennis (lawn)* *Athletics (track & field)*	*Apparatus; Rhythmic Gymnastics* *Soccer (M); Handball* *Cricket; Basketball* *Netball (W)* *Tennis (lawn); Minor Games* *Athletics (track & field)*	*Apparatus; Rhythmic Gymnastics* *Soccer (M); Handball* *Cricket; Basketball* *Netball (W)* *Tennis (lawn); Minor Games* *Athletics (track & field)*

CODE: M=men only; *Italics=1967 listing;* non-coded activity=required for both men and women.

PROFESSIONAL TRAINING. *1967 - Professional training of physical education teachers for the primary, intermediate and secondary school levels includes: History of Physical Education, Anatomy and Physiology, Study of Technique and Rules pertaining to sports and games, Teaching Technique, and Improvement of Personal Performance.*

CHANGES, DEVELOPMENT, AND PROGRESS IN THE PHYSICAL EDUCATION TEACHER TRAINING PROGRAM. *1967 - During the past three years no appreciable change or development has taken place.*

Germany

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - The responsibility for planning the teacher training program for physical education teachers depends on the examination-board, which is a High School Board in the Primary Teachers Training Colleges, and a State-Board in the universities. There is good cooperation between the leaders of the institutes as to the program. The Kultusministerium (Ministry of Culture, Education and Science) has the program planning responsibility in each state. The city states, Hamburg, Bremen, and Berlin, have special senators working in cooperation with the Kultusministerien.* 1963 - The Ministry of Education in each state (regional bodies of the School-Authorities) has the responsibility for planning teacher training programs.

TRAINING INSTITUTION		NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR		
					PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
FOR PHYSICAL EDUCATION TEACHERS ONLY	1963 *1967*	Sporthochschule, Köln	3	18-19	x (after the Normal Teacher Training College)	x	x
	1963 *1967*	Bayrische Sportakademie	3	18-19		x	x
	1967	*Staatliches Hochschulinstitut für Leibeserziehung, Mainz*	*3*	*18-19*		*x*	*x*
FOR TEACHERS OF ALL SUBJECTS INCLUDING PHYSICAL EDUCATION	1963		3	18-19			x
	1967	*54*	*3*	*19*	*x*		
	1967	*Sporthochschule, Köln*	*3*	*18-19*		*x*	
			3-4	*18-19*			*x*

(Continued)

TRAINING INSTITUTION		NUMBER	YEARS OF TRAINING	USUAL ENTRANCE	TRAINING TEACHERS FOR PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
	1967	*28 Departments of P.E. at universities & technical universities*	*3*	*18-19*		*x*	
			3-4	*18-19*			*x*
UNIVERSITIES:							
Sporthochschule Institute für Leibesübungen der Universitäten und technischen Hochschulen	1963	26	4	18-19		x	x
	1967	*On the background of all other teacher training schools but with an academic degree.*					
OTHERS:							
Sportassociations: Deutsche Turnschule	1963	1	1	18			
Gymnastik-Assn.: Gymnastiskschulen	1963	14	2 1/2-3	18			
Deutsche Sporthochschule Köln	*1967*	*a) 1-year course for primary school teachers* *b) 1-year course for recreation teachers* *c) 1-year course for football (soccer) coaches*					
"Gymnastik" Teacher Training Schools	*1967*	*16 private schools with examinations supervised by the state with 2 1/2 years of training*					
Deutsche Turnschule, Frankfurt/Main	*1967*		*1 year training*				

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. *1967 - State Certificate: 3 years of study, for the teacher of physical education at the primary school level; State Certificate: 3-4 years of study, for the teacher of physical education at the intermediate school level; State Certificate: 4 years of study, for the teacher of physical education at the secondary school level; Diploma: 3 years of study, for the teacher of physical education at the teacher training institutes; Doctor of Philosophy: 4 years of study, for the teacher of physical education at the universities.*
1963 - "Diplom" (only Sporthochschule, Köln): 3 years. State Examination (secondary school)*: 4 years university. Doctor's Degree on the Faculty of Philosophy: 5-6 years, university. Habilitation Degree on the Faculty of Philosophy: 7-10 years, university. Classroom Teacher** (teacher examination): 2 1/2 - 3 years. Intermediate Teacher Degree: 4 years.

*Achievement for Secondary School Teachers: After the State Examination (4 years), "Referenda" time: 2 years; "Assessor" time: 2 years.

**Achievement for Elementary School Teachers: 3 years of Teacher Training School (1st teacher examination), 2 years of school practice (2nd teacher examination); after second teacher examination the possibility of preparation for Intermediate Teacher examination.

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. *1967 - Facilities which are considered essential in the training of physical education teachers in Germany are gymnasiums, swimming pools, playing fields, rowing and sailing installations, dressing rooms and showers, small gym halls for wrestling, judo, tumbling, basketball courts, and tennis courts. However, there is a lack of playing fields, as well as a shortage of gymnasiums. Some provisions are made for the conducting of research in physical education in institutions where physical education teachers are trained (Cologne,Frankfort). The physical education library resources available to students include in Hamburg, a special library on physical education with 7,000 books and 40 journals. At the Deutsche Sporthochschule there are some 50,000 books and at other institutions between 500 and 3,000 books.*

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF		
PRIMARY SCHOOL TEACHERS	INTERMEDIATE SCHOOL TEACHERS	SECONDARY SCHOOL TEACHERS
Folk Dance	Folk Dance	Folk Dance; *Fencing (E-M-W)*
Basic Gymnastics	Basic Gymnastics; Apparatus	Modern Dance (E-M-W)
Apparatus; *Fitness (M)*	Rhythmic Gymnastics: Tumbling	Basic Gymnastics; Apparatus
Rhythmic Gymnastics; Tumbling	Camping (E-M-W); Rowing(E-M-W)	Rhythmic Gymnastics; Tumbling
Camping (E-M-W)	Mountaineering (E-M-W)	Camping (E-M-W); *Fitness (M)*
Mountaineering (E-M-W)	Skiing (E-M-W); Hiking	Mountaineering (E-M-W)
Rowing (E-M-W); Skiing (E-M-W)	Swimming; Ice Skating (E-M-W)	Rowing; Skiing; Hiking; Swimming
Hiking; Swimming	Athletics (track & field)	Ice Skating (E-M-W)
Ice Skating (E-M-W)	Basketball; Volleyball	Athletics (track & field)
Athletics (track & field)	Handball (E-W); Soccer (M)	Basketball; Volleyball
Basketball; Volleyball	Judo (E-M); Wrestling (E-M)	Soccer (M); Handball *(M) (E-W)*
Wrestling (E-M)	*Fitness (M); Fencing (E-M-W)*	Tennis (E-M-W); Gliding* (E-M-W)
Soccer (M); Handball (E-M-W)		Wrestling (E-M); Judo (E-M)

CODE: M=men only; W=women only; E=elective; *Italics=1967 listing;* non-Italics=1963 and 1967; non-coded activity=required for both men and women; *=1963 listing only.

PROFESSIONAL TRAINING. *1967 - The following compulsory courses are included in the training of physical education teachers for the primary, intermediate, and secondary levels: Training activities, Physiology, Anatomy, Education, History of Physical Education, Methodology, and Didactics. At the secondary level training, psychology and sociology are offered as electives.* 1963 - Training for Primary Schools: In teacher training schools, 4-6 lessons weekly are devoted to seminars and practice during the 3-year study period. More lessons are provided for students who take physical education as a special subject. Training for Secondary Schools: In the departments of physical education in the universities there are 10-12 lessons weekly. In the "Sporthochschule", Köln with "Diplom" there are 20-25 lessons weekly. Lectures and seminars are given in Anatomy, Physiology, Health Education, Hygiene, First Aid, Psychology, Pedagogy, Didactics, Philosophy, Sociology, Teaching Practice, History and Practice in all Sports, Dance, Music, and the Arts.

1967 - The time required to become a teacher of physical education is the same as that for other disciplines such as mathematics, history, foreign language, etc.

CHANGES, DEVELOPMENT, AND PROGRESS IN THE PHYSICAL EDUCATION TEACHER TRAINING PROGRAM. *1967 - During the past three years, in order to reduce the enormous lack of teachers, special teacher training schools (Fachinstitute) have been established in the states of Hessen, Nordrhein-Westfalen, and some other states. These Fachinstitute work in contact with universities and normal teacher training schools. In the three-year courses, the teachers are trained in physical education and one other subject such as physical education arts, music, handicraft, needlework; they are mostly educated for primary schools. In addition to the above, normal teachers are trained in short courses to give games and sports instruction in their classes.*

Ghana

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - The Ministry of Education and the Institute of Education of the University College at Cape Coast have the responsibility for planning the teacher training programs for physical education teachers.* 1963 - The Ministry of Education and Winneba Training College have the responsibility for planning teacher training programs. Winneba Training College is the only institution in the country which trains physical education teachers.

TRAINING INSTITUTION		NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR		
					PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
FOR PHYSICAL EDUCATION TEACHERS ONLY	1963	1	2&4	19-22	x	x	x
	1967	*1*	*2*	*18-24*	*x*	*x*	*x*
FOR TEACHERS OF ALL SUBJECTS INCLUDING PHYSICAL EDUCATION	1963	39	4	17-19	x	x	
	1967		*2 years-post secondary colleges*	*18*	*x*	*x*	*x*
			4 years - post primary colleges	*18-20*	*x*	*x*	*x*
UNIVERSITIES	1963	3	3	21			x

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. *1967 - Diploma of Physical Education: 4 years of study, for the teacher of physical education at the primary, intermediate, and secondary school levels and at the teacher training institutions. Diploma, preferably obtained abroad with a considerable number of years teaching and games and athletics coaching experience: 4 years of study, for the teacher of physical education at the universities.* 1963 - Teachers' Certificate 'A' (Endorsed): 1 year. Teachers' Certificate 'A' (Endorsed): 2 years. Diploma of Physical Education: 2 years. Diploma of Physical Education: 4 years.

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. *1967 - The following facilities are considered essential in the training of physical education teachers: playgrounds and playground equipment including improvised, fixed and portable apparatus, gymnasiums and gymnasium equipment, games and sports equipment, swimming pools, dressing rooms, showers. In addition schools and colleges should be conveniently located to give opportunity to the trainees to do practice teaching. However, there is a lack of standard swimming pools, games and sports equipment, and reference library facilities for research. No provisions have been made to date to conduct research in physical education in institutions where physical education teachers are trained. Plans are afoot to stimulate interest in research in the various aspects of physical education. The institutions listed below have physical education sections in their libraries which are available to students. Books range from primary school work, games, sports, and track and field, to documents on research work on tests and measurements and similar subjects from foreign universities. The schools are Specialist Training College Library, the three universities, The Ghana Central Library Service, The United States Information Service, and The British Council Information Service and the library services of several foreign embassies.*

PHYSICAL EDUCATION TEACHER CURRICULUM

PHYSICAL ACTIVITIES RPOVIDED FOR PREPARATION OF		
PRIMARY SCHOOL TEACHERS	INTERMEDIATE SCHOOL TEACHERS	SECONDARY SCHOOL TEACHERS
Traditional Dance (E-M-W)	Traditional Dance (E-M-W)	Traditional Dance (E-M-W)
Apparatus	Apparatus; *Lawn Tennis (E-M-W)*	Social Dance* (E-M-W)
Rhythmic Gymnastics	Rhythmic Gymnastics	Apparatus Gymnastics
Agilities Gymnastics	Agilities Gymnastics	Rhythmic Gymnastics
Soccer (M)	Cycling*(E-M-W)	Agilities Gymnastics; Soccer (M)
Volleyball*(M)	Athletics (track & field)	Swimming*(E-M-W); Boxing* (E-M)
Netball (W)	Field Hockey (E-M); Soccer (M)	Cycling* (E-M-W); Basketball (M)
	Volleyball*(M); *Camping (E-M-W)*	Athletics (track & field)
		Lawn Tennis (E-M-W)
		Classic Dance (E-M-W)
		Camping (E-M-W)

CODE: M=men only; W=women only; E=elective; *Italics=1967 listing;* non-Italics=1963 and 1967 listing; non-coded activity=required for both men and women; *=1963 listing only.

PROFESSIONAL TRAINING. *1967 - The three categories of teachers, primary, intermediate, and secondary, follow the same courses. Those who will teach in secondary schools and training colleges take the courses on an advanced level. Physical education teachers for secondary schools and training colleges take in addition two other subjects to an advanced level in the G.C.E. Examination to enable them to give effective assistance in these subjects in their schools on account of the acute shortage of secondary school teachers. Subjects may be selected from English, History, Geography, Mathematics, and General Science. Training courses include: English Language, Speech Training, Anatomy and Physiology, Kinesiology, Theory of Physical Education, Theory of Games, Principles and Methods of Physical Education, Games (major and minor), Track and Field, Gymnastics, Swimming, Dancing, Camping, Educational Psychology, Health Education, and First Aid.* 1963 - Courses the same as above plus Making of Improvised Apparatus.

1967 - The Advanced Teacher Training College trains teachers for Mathematics, History, Geography, English and Science in two years. University students take three years for their degrees in particular subjects and an additional year for the Diploma in Education to qualify them to teach their subjects in schools and colleges.

CHANGES, DEVELOPMENT, AND PROGRESS IN THE PHYSICAL EDUCATION TEACHER TRAINING PROGRAM. *1967 - There have not been any significant changes in the past three years but there has been considerable progress made in the training of teachers of physical education. All teachers of physical education are now trained locally over a period of four years at the end of which successful candidates are awarded a diploma.*

Greece

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - The staff of the Academy of Physical Education, Athens, with the approval of the Ministry of Education, has the responsibility for the planning of teacher training programs for physical education teachers.* 1963 - The Main Agency of Physical Education, Ministry of Education, has the responsibility for planning teacher training programs.

TRAINING INSTITUTION		NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
FOR PHYSICAL EDUCATION TEACHERS ONLY	1963	1	3	18			x
	1967	*1*	*3*	*19*			*x*
FOR TEACHERS OF ALL SUBJECTS INCLUDING PHYSICAL EDUCATION	1963	14	2	18	x	x	
	1967	*16*	*3*	*19*	*x*	*x*	
UNIVERSITIES	1963	2	4	18			x

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. *1967 - There is no physical education degree, diploma, or certificate for the teacher of physical education at the primary level. There is also no formal degree for those at the intermediate school level. Diploma of Physical Education of the National Academy of Physical Education for the teacher of physical education at the secondary level. Diploma of Physical Education of the National Academy of Physical Education plus studies abroad for the teacher of physical education at the teacher training institution and at the university level.* 1963 - Diploma of Physical Education: 3 years.

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. *1967 - The following facilities are considered essential in the training of physical education teachers in Greece: indoor and outdoor spaces and grounds, study facilities and laboratories, and dormitories for students within the grounds of the Academy. However, the facilities which are provided for the training of physical education teachers are inadequate with a lack of dormitories, gymnasiums, swimming pools, play and athletic fields, study rooms and library, laboratories, and camp grounds by the seashore. There are no provisions made for the conducting of research in physical education in institutions where physical education teachers are trained. There is a good library for the use of physical education students, but it is not organized and the books are available to the students in a very restricting way.*

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF		
PRIMARY SCHOOL TEACHERS	INTERMEDIATE SCHOOL TEACHERS	SECONDARY SCHOOL TEACHERS
Folk Dance	Folk Dance	Folk Dance
Rhythmic Gymnastics*	Rhythmic Gymnastics *(W)*	Rhythmic Gymnastics *(W)*
Mountaineering*	Mountaineering*	Mountaineering
Basketball*	Basketball	Basketball
Floor Gymnastics	*Floor Gymnastics*	*Classic Dance (W)*
Swimming	*Swimming*	*Floor Gymnastics*
Softball	*Volleyball*	*Apparatus; Water Sports*
	Track and Field	*Camping; Swimming; Softball*
	Water Sports	*Skiing; Soccer (M)*
	Softball	*Volleyball; Track and Field*
		Cross Country Running

CODE: M=men only; W=women only; *Italics=1967 listing;* non-Italics=1963 and 1967; non-coded activity=required for both men and women, *=1963 listing only.

PROFESSIONAL TRAINING. *1967 - There are no professionally trained physical education teachers at the primary and intermediate school levels. Compulsory courses for the secondary physical education teacher include: Anatomy, Physiology, Psychology, Pedagogy, Philosophy, History of Physical Education, Kinesiology, Methodic, Health Education, Literature, Gymnastics, Track and Field, Volleyball, Basketball, Softball, Dances, Music, First Aid, Physiotherapy, English, and French or German. Summer courses: Swimming and Water Sports and Camping.* 1963 - Psychology, Pedagogy, Philosophy, Modern Greek Literature, Music, English, French or German, Anatomy, Physiology, Kinesiology, Physiotherapy, Orthopedics, History of Physical Education, Methods and Materials in Physical Education, Health Education, Gymnastics, Track and Field, Sports, Folk Dances, Modern Dance (Rhythmic). Summer courses: Swimming and Sea Sports, Camping, First Aid.

1967 - The time required to become teachers of physical education is less than that for other disciplines such as mathematics, history, foreign language, etc. Physical education teachers are trained at the National Academy of Physical Education for three years. Other teachers train for four years and are then graduates of the University. Teachers of primary and intermediate schools are trained in one of the 16 pedagogical academies for three years.

CHANGES, DEVELOPMENT, AND PROGRESS IN THE PHYSICAL EDUCATION TEACHER TRAINING PROGRAM. *1967 - No changes have taken place during the last three years in the National Academy of Physical Education.*

Guatemala

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - Professors of the Normal School of Physical Education and teacher of physical education whom the Ministries appoint through the Direction of Physical Education have been named for the planning of teacher training programs for physical education teachers.*

TRAINING INSTITUTION	NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR		
				PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
FOR PHYSICAL EDUCATION TEACHERS ONLY	*1*	*3*	*18*	*x*	*x*	*x*

GUATEMALA (Cont.)

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. *1967 - Diploma: 6 years study at the primary level and 6 years in the middle level, for the teacher of physical education at the primary school level. Diploma: 3 years of study, for the teacher of physical education at the intermediate school level. Diploma and Title: 3 years of study at the middle and 3 years of study of vocational training, for the teacher of physical education at the secondary school level. Title (professionals that graduate from the university): 6 years of study, for the teacher of physical education at the teacher training institution. All the teachers with the Title in Physical Education can give instruction at all levels of education.*

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. *1967 - The following facilities are considered essential in the training of physical education teachers in Guatemala: classrooms, Olympic size swimming pools, gymnasiums, stadiums. The facilities that are provided are adequate, however they do not belong to the Normal School of Physical education; the ideal thing would be if the school had all its own equipment and facilities. Provisions have been made to conduct research in physical education in institutions where physical education teachers are trained. The students at the Normal School of Physical Education participate in a seminar during their last year of studies and in this seminar make a list of the problems related to physical education. There is a National Library, however it does not have the necessary resources for the field of physical education.*

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF		
PRIMARY SCHOOL TEACHERS	INTERMEDIATE SCHOOL TEACHERS	SECONDARY SCHOOL TEACHERS
Classic Dance (W)	*Imitation Gymnastics*	*Imitation Gymnastics*
Folk Dance (W)	*Rhythmic Gymnastics*	*Rhythmic Gymnastics*
Imitation Gymnastics	*Corrective Dancing*	*Corrective Dancing*
Rhythmic Gymnastics	*Educational Games*	*Educational Games*
Corrective Dancing	*Sports*	*Sports*
Educational Games	*Hiking*	*Hiking*
Sports	*Excursions*	*Excursions*
Hiking	*Athletics (track & field)*	*Athletics (track & field)*
Excursions	*Basketball*	*Basketball*
Athletics (track & field)	*Volleyball; Softball*	*Volleyball; Softball*
Basketball	*Soccer (M); Swimming*	*Soccer (M); Swimming*
Volleyball; Softball		
Soccer (M); Swimming		

CODE: M=men only; W=women only; *Italics=1967 listing;* non-coded activity=required for both men and women.

PROFESSIONAL TRAINING. *1967 - In Guatemala, the preparation of physical education teachers takes place at the Normal School of Physical Education. The students are prepared here for the primary and intermediate schools. The study plan includes three years, during which they study the following subjects: World Literature, Applied Mathematics, Anatomy and Physiology applied to Physical Education, General Pedagogy, General Philosophy, Ethics, Hispanoamerican Literature, Child Psychology, Hygiene and First Aid, History of Physical Education, Teaching of Physical Education, Organization and Administration of Physical Education, Music Appreciation, Statistics applied to Education, Kinesiology and Physiotherapy, Educational and Recreative Games, Practice Teaching, Anthropometry, Seminar on the Aspects of National Education, Measurement and Evaluation of Physical Education, and Dietetics.*

1967 - The time required to become a teacher of physical education is the same as that for other disciplines such as mathematics, history, foreign language, etc.

CHANGES, DEVELOPMENT, AND PROGRESS IN THE PHYSICAL EDUCATION TEACHER TRAINING PROGRAM. *1967 - In the past three years no changes have taken place.*

Guyana

1967 - There are no institutions for the training of teachers in the field of Physical Education, but all teachers who pass through the Teachers' Training College are exposed to the basic activities physical education program which they are supposed to teach in the schools. They are also give a background to the evolution of Physical Education, the aims and objectives of Physical Education, and general information in teaching methods that would be helpful to teachers.

Haiti

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - The Commissariat national à la jeunesse et aux sports (National Commission for Youth and Sports) has the responsibility for planning the teacher training programs for physical education teachers.* 1963 - The Commissioner of Youth and Sports has the responsibility for the planning of physical education teacher training programs. At the present time Haiti does not have an institution for the training of physical education teachers.

1963 - The Physical Education School has trained three groups of teachers: the first group during 1938-40 (diploma), the second group during 1949-50 (certificate), and the third group during 1955-56 (ability certificate).

1967 - The Ecole normale d'éducation physique (Normal School of Physical Education) which is under the authority of the General Commissioner for Sports conducts a training program for instructors for two years.

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. *1967 - The Ecole normale d'éducation physique awards a teacher's certificate after two consecutive years of study.*

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. *1967 - The following facilities are considered essential in the training of physical education teachers in Haiti: gymnasiums, volleyball and basketball courts, gymnastic apparatus, indoor rooms for table tennis and other appropriate sports and games, and tracks. The facilities which are provided are inadequate. There is need for swimming pools and the equipment found in gymnasiums. Audio-visual aids are also necessary for the teaching of various sports and games. No provisions have been made to conduct research in physical education in the institutions where physical education teachers are trained. There are no physical education library resources available to students.*

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF		
PRIMARY SCHOOL TEACHERS	INTERMEDIATE SCHOOL TEACHERS	SECONDARY SCHOOL TEACHERS
Gymnastics (E-W)* *(M)*	Gymnastics* (E-W)	Gymnastics (E-W)* *(M)*
Basketball (M) *(M-W)*	Boxing* (E-M)	Basketball (M) *(M-W)*
Folk Dance (W)		Boxing* (E-M)
Volleyball		*Folk Dance (W)*
Softball; Soccer (M)		*Volleyball; Softball*
Athletics (track & field)		*Athletics (track & field)*
Table Tennis; Badminton		*Soccer (M)*
		Table Tennis; Badminton

CODE: M=men only; W=women only; E=elective; *Italics=1967 listing;* non-Italics=1963 and 1967 listing; non-coded activity=required for both men and women; *=1963 listing only.

PROFESSIONAL TRAINING. *1967 - Compulsory courses included in the professional training of physical education teachers for primary schools, intermediate schools, and secondary schools are Pedagogics applied to physical education, Anatomy, Physiology, and Hygiene.* 1963 - Physical Education (natural method), Psychology, Pedagogy, Anatomy, Physiology, Athletics and Sports, Recreation, and First Aid.

HAITI (Cont.)

1967 - No comparison can be made on the time required to become a teacher of physical education as that for other disciplines such as mathematics, history, foreign language, etc., since each of the branches of instruction has its specific curriculum.

CHANGES, DEVELOPMENT, AND PROGRESS IN THE PHYSICAL EDUCATION TEACHER TRAINING PROGRAM. *1967 - No appreciable progress has been made within the last three years.*

Hungary

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - The Ministry of Education has the responsibility for planning the teacher training programs for physical education teachers at the primary and intermediate school levels. The Hungarian National Federation of Physical Education and Sports has this responsibility for the teachers at the secondary school level.*

TRAINING INSTITUTION		NUMBER	YEAR OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
FOR PHYSICAL EDUCATION TEACHERS ONLY	*1967*	*1*	*4*	*18*			*x*
FOR TEACHERS OF ALL SUBJECTS INCLUDING PHYSICAL EDUCATION	*1967*	*5*	*3*	*18*	*x*		
		4	*4*	*18*		*x*	

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. *1967 - Teacher's Diploma: 3 years of study, for the teacher of physical education at the primary school level. College Degree: 4 years of study, for the teacher of physical education at the intermediate, secondary, and teacher training school levels.*

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. *1967 - The following facilities are considered essential in the training of physical education teachers in Hungary: gymnastic halls, track and field stadiums, swimming pools, and playing fields. At the present those that are provided are adequate. Provisions have been made to conduct research in physical education only in the secondary school level training institution. There are libraries for the use of physical education students in all teacher training institutions.*

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF PRIMARY SCHOOL TEACHERS	INTERMEDIATE SCHOOL TEACHERS	SECONDARY SCHOOL TEACHERS
Gymnastics	*Gymnastics*	*Folk Dance (E-M-W)*
Apparatus (E-M-W)	*Apparatus*	*Gymnastics*
Rhythmics (E-W)	*Rhythmics (W)*	*Apparatus*
Track and Field	*Track and Field*	*Rhythmics (W); Swimming*
Swimming	*Field Handball*	*Mountaineering; Soccer (M)*
	Volleyball; Basketball	*Track and Field; Basketball*
	Soccer (M); Swimming	*Field Handball; Volleyball*

CODE: M=men only; W=women only; E=elective; *Italics=1967 listing;* non-coded activity=required for both men and women.

PROFESSIONAL TRAINING. *1967 - Compulsory courses included in the training of the teacher of physical education at the primary school level include: Hygiene, Theory and Methodology of Physical Education. Compulsory courses for the intermediate teacher include: General Biology, Pedagogy, Psychology, Theory and Methodology of Physical Education. For the secondary teacher the following are included: Anatomy, Physiology, Psychology, History of Education, Theory and Methodology of Physical Education, Sports, etc.*

1967 - The time required to become a teacher of physical education is the same as that for other disciplines such as mathematics, history, foreign language, etc.

CHANGES, DEVELOPMENT, AND PROGRESS IN THE PHYSICAL EDUCATION TEACHER TRAINING PROGRAM. *1967 - No significant changes have taken place.*

Iceland

PHYSICAL EDUCATION TRAINING INSTITUTIONS. 1963 - A committee of five members, including representatives of physical education and sports organizations make suggestions to the Ministry of Education for planning the teacher training program for physical education teachers.

TRAINING INSTITUTION		NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR		
					PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
FOR PHYSICAL EDUCATION TEACHERS ONLY	1963	1	9 months	18	x	x	x

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. 1963 - Teacher of Physical Education and Sports: 9 months.

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. 1963 - Dressing rooms, showers, gymnasiums, outdoor fields, ski slopes, skating and swimming facilities are usually available in adequate quantity. No provisions have been made to conduct research in physical education in institutions where physical education teachers are trained. Library resources are very limited.

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF PRIMARY SCHOOL TEACHERS AND INTERMEDIATE SCHOOL TEACHERS AND SECONDARY SCHOOL TEACHERS
Folk Dance
Apparatus
Rhythmic Gymnastics
Basketball

CODE: non-Italics=1963 listing; non-coded activity=required for both men and women.

PROFESSIONAL TRAINING. 1963 - Includes Skiing, Soccer, "Soccer" Handball, and Athletics.

India

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - The State Education Departments and universities have the responsibility for the planning of teacher training programs for physical education teachers.* 1963 - The Central Government, State Education Departments, and universities have the responsibility for planning teacher training programs.

INDIA (Cont.)

TRAINING INSTITUTION		NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR		
					PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
FOR PHYSICAL EDUCATION TEACHERS ONLY	1963	50	1-3	18-30	x	x	x
	1967	*40**	*1*	*18*		*x*	
	1967	*56**	*1*	*18-30*			*x*
FOR TEACHERS OF ALL SUBJECTS INCLUDING PHYSICAL EDUCATION	1963	2000-3000			x	x	x
UNIVERSITIES	1963	2	3	18-25	x	x	x
	1967	*2*	*3 plus 2 or 1***	*18-25*			*x*

** Some institutions prepare teachers for both intermediate and secondary schools.*
*** 3 years for a Bachelor's Degree plus 2 or 1 year of additional study for the Master's Degree.*

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. *1967 - At the primary school level, physical education is usually taught by the classroom teacher who has a two-year training. Certificate in Physical Education: 1 year of study, for the teacher of physical education at the intermediate school level. Certificate of Physical Education: 1 year of study; Diploma of Physical Education: 1 year of study; Degree in Physical Education: 3 years of study, for the teacher of physical education at the secondary school level. Diploma of Physical Education: 1 year of study; Bachelor's Degree: 3 years of study; Master's Degree: 2 or 1 year of study, for the teacher of physical education at the teacher training institutions. Diploma of Physical Education: 1 year of study; Bachelor's Degree: 3 years of study; Master's Degree: 2 or 1 year of study, for the teacher of physical education at the universities.* 1963 - Certificate: 1 year. Diploma: 1 year. Bachelor's Degree: 3 years. There is a proposal to start post-graduate (Master's) courses of 2-years' duration.

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. *1967 - The following facilities are considered essential in the training of physical education teachers in India: administration building, classrooms, library, laboratory, audio-visual aids, athletic equipment, hostels, playgrounds, gymnasiums, and swimming pools. However, only a few institutions have good facilities. Many lack an adequate number of playgrounds, gymnasiums, and swimming pools. Where institutions are entirely residential, the problem of showers and dressing rooms does not arise. But these facilities are not available in non-residential institutions. Some provisions have been made to conduct research in physical education in some institutions where physical education teachers are trained. Some colleges have good libraries. The majority of them have poor libraries.*

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF		
PRIMARY SCHOOL TEACHERS	INTERMEDIATE SCHOOL TEACHERS	SECONDARY SCHOOL TEACHERS
Story Plays*	Apparatus *(M)*; *Rhythmics (W)*	Apparatus *(M)*; *Folk Dance (W)*
Apparatus*	Camping *(E-M)*; *Folk Dance (W)(E-M)*	Camping *(M) (E-W)*
Rhythmic Activities	Hiking *(E-M)*; Calisthenics*	Soccer *(M)*
Imitations*	Soccer *(M)*; Gymnastics*; Cricket*	Basketball
Minor Games*	Basketball *(M)*; Minor Games*	Volleyball
Simple Rhythmics	Volleyball *(M)*; Softball*	Field Hockey *(M) (E-W)*
	Field Hockey *(M)*; Badminton*	Netball*(W)*
	Netball *(W)*;Combatives*; Kabaddi*	Throwball
	Throwball *(W)*; Tenikoit*; Kho-Kho*	Calistenics*
		Gymnastics*
		Athletics (track & field)*
		Minor Games*
		Hiking*; Softball*

CODE: M=men only; W=women only; E=elective; *Italics=1967 listing;* non-Italics=1963 and 1967 listing; non-coded activity=required for both men and women; *=1963 listing only.

(Continued)

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF		
PRIMARY SCHOOL TEACHERS	INTERMEDIATE SCHOOL TEACHERS	SECONDARY SCHOOL TEACHERS
		Cricket*
		Badminton*
		Combatives*
		Kabbadi*; Kho Kho*
		Tenikoit*

CODE: M=men only; W=women only; E=elective; *Italics=1967 listing;* non-Italics=1963 and 1967 listing; non-coded activity=required for both men and women; *=1963 listing only.

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM (CONTINUED). *1967 - The physical activities that are provided for the preparation of intermediate school physical education teachers and secondary school physical education teachers also include some regional folk dances which are taught to the boys as well and are included in the curriculum. It is, however, not certain as to how widely these dances are taught.*

PROFESSIONAL TRAINING. *1967 - A revised syllabus is being prepared for primary school teachers training at the teacher training institutions. Details are not known as of this time. Compulsory courses included in the intermediate school physical education teacher training are Anatomy, Physiology, Health Education, First Aid and Safety, Introduction to Physical Education, Methods, Organization, and Officiating. The compulsory courses for the secondary school physical education teacher include History and Principles of Physical Education, Anatomy, Physiology, Health Education, Methods, Organization, and Officiating. Degree courses offer additional subjects such as Kinesiology, Educational Psychology, Guidance, Corrective Physical Education, General Sciences, Language, etc.*
1963 - Included in the training of physical education teachers are the following courses: Psychology, Anatomy, Physiology, Health Education, First Aid, History of Phsyical Education, Principles of Physical Education, Methods, Organization, Officiating and Coaching of Sports. In primary schools the classroom teachers teach physical education. They are trained to conduct suitable activities when in teacher training colleges or through in-service courses. In middle and high school classes physical education is taught by specialist teachers. They have earned the Certificate in Physical Education or the Diploma. Certificates are issued to high school graduates and diplomas to university graduates after a 1-year professional course. In addition to Certificate and Diploma courses, two colleges offer degree courses in physical education covering a 3-year period. The activities are the same as for the Diploma course except that they are taught in more depth.

1967 - The time required to become a teacher of physical education is generally the same as that for other disciplines such as mathematics, history, foreign language, etc.

CHANGES, DEVELOPMENT, AND PROGRESS IN PHYSICAL EDUCATION TEACHER TRAINING PROGRAM. *1967 - During the past three years a new revised syllabus for physical education has been prepared for Primary Teachers Training Schools so that the classroom teachers can teach physical education more effectively. There has also been an increase in the number of teacher training institutions. Two institutions offering 3-year degree courses in physical education have been started. Post graduate courses (Master's Degree) of two years' duration for the M.P.E. degree and one year's duration for the M.Ed.(P.E.) have been introduced at the two institutions offering degree courses.*

Iraq

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - The University of Baghdad, College of Physical Education, has the responsibility for the planning of teacher training programs for physical education teachers.*

IRAQ (Cont.)

TRAINING INSTITUTION		NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
UNIVERSITIES*	*1967*	*1*	*4*	*17-25*	*x*	*x*	*x*

* *The University of Baghdad has one College of Physical Education for men and one Physical Education Department for women. Both train physical education teachers for all school levels, but emphasize mostly the intermediate and secondary schools.*

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. *1967 - Bachelor of Science in Physical Education: 4 years of study.*

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. *1967 - The following facilities are considered essential in the training of physical education teachers in Iraq: playing fields, gymnasiums, and equipment. Those that are provided are adequate. Provisions have been made to conduct research in physical education in institutions where physical education teachers are trained. A portion of the research is done by the student while he is studying and the other while he is practice teaching. This part deals with methods of teaching, facilities, and school play areas. The first part of the research deals with the students themselves in physical fitness, sports activities, and theoretical work. Physical education library resources are available to the students in the forms of American, English, and German publications.*

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF PRIMARY SCHOOL TEACHERS	INTERMEDIATE SCHOOL TEACHERS	SECONDARY SCHOOL TEACHERS
Stunts	*Stunts*	*Stunts*
Apparatus; Rhythmics	*Apparatus*	*Apparatus*
Camping (E-M-W)	*Rhythmics; Camping (E-M-W)*	*Rhythmics*
Excursions (E-M-W)	*Excursions (E-M-W)*	*Camping (E-M-W)*
Scouting (E-M-W)	*Scouting (E-M-W)*	*Excursions (E-M-W)*
Soccer (E-M)	*Soccer (E-M)*	*Scouting (E-M-W)*
Basketball (M) (E-W)	*Basketball (M) (E-W)*	*Soccer (E-M); Volleyball*
Volleyball (M)	*Volleyball; Small Games*	*Basketball (E-W)*
Small Games	*Track and Field (E-M-W)*	*Track and Field (E-M-W)*

CODE: M=men only; W=women only; E=elective; *Italics=1967 listing;* non-coded activity=required for both men and women.

PROFESSIONAL TRAINING. *1967 - Compulsory courses in the professional training of the physical education teacher include: Team Games; Small Games; Organized Games: Tennis, Badminton, Table Tennis, Field Hockey, European Handball, Soccer, Basketball, and Volleyball; Track and Field and Individual Games: Weight Training, Swimming, Boxing, Wrestling, and Track and Field; Theories of Physical Education, Methods of Teaching, and Gymnastics: Gymnastics and Apparatus, Theories of Physical Education, Methods of Teaching, Practice Teaching, Recreation; Health Education: Anatomy, Physiology, Health and Nutrition, Medical Gymnastics, First Aid; General: Education, Sociology and Social Work, Youth Welfare, Psychology, Scouting and Camping, English. Professional training for physical education teachers takes place for all levels during the last three years of study as described in the Methods of Teaching. Students are trained to practice teach as follows: a) Third year students are required to practice teach successfully in the primary schools one day per week throughout the year, which counts 24 days plus two weeks daily fulltime work at the end of each academic year and b) Fourth year students are required to practice teach successfully in the intermediate and secondary schools one day per week throughout the year and should practice four weeks every day at the end of the academic year.*

1967 - The time required to become a teacher of physical education is the same as that for other disciplines such as mathematics, history, foreign language, etc.

IRAQ (Cont.)

CHANGES, DEVELOPMENT, AND PROGRESS IN THE PHYSICAL EDUCATION TEACHER TRAINING PROGRAM. *1967 - During the past three years the student enrollment at the College of Physical Education, University of Baghdad, has increased from 115 to 586 students. Programs for training of teachers have improved because of the qualified teachers, better facilities and equipment, new subjects, more hours, better relationships, and direct public services through sports and social activities. The College of Physical Education has become the best resource of knowledge in all sports activities and youth welfare for the whole country and the Middle East within the past three years. Physical education in the Iraqi school systems has improved throughout the country. There has been a greater appreciation for physical education programs and sports activities by the youth.*

Ireland*

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - The individual college body has the responsibility for the planning of teacher training programs for physical education teachers.* 1963 - The same as for 1967.

TRAINING INSTITUTION		NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR		
					PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
FOR PHYSICAL EDUCATION TEACHERS ONLY	1963	2	3	18			x
	1967		*3*	*18*	*x*	*x*	*x*
FOR TEACHERS OF ALL SUBJECTS INCLUDING PHYSICAL EDUCATION	1963	4	2	18			x
UNIVERSITIES	1963	2	4-5	18			x
	1967	*5*					*x*

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. *1967 - Diploma of College: 3 years of study, for the teacher of physical education at the primary, intermediate, and secondary school levels.*

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. *1967 - In Ireland very little if any facilities are considered essential by education authorities for the training of physical education teachers. However, some facilities are provided by private bodies. At the Ling Physical Training College the facilities are not adequate due to the lack of space, few showers, etc. Playing fields are not adjacent to the college. The college is a private one and no grants are given by the government toward the operating costs. There are no provisions made to conduct research in physical education in institutions where physical education teachers are trained. There is a limited library in the college.*

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF
PRIMARY SCHOOL TEACHERS AND INTERMEDIATE SCHOOL TEACHERS AND SECONDARY SCHOOL TEACHERS

Modern Educational Dance (W); Folk Dance (W);
Ballet (W); Social Dance (W); Character Dance (W);
Educational Gymnastics (W); Recreative Gymnastics (W);
Remedial Gymnastics (W); Hockey (W); Lacrosse (W);
Netball (W); Basketball (W); Tennis (W); Swimming (W);
Rounders (W)

CODE: W=women only; *Italics=1967 listing.*

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* Data supplied on women's program only in 1963 and 1967.

PROFESSIONAL TRAINING. *1967 - Theoretical courses included in the professional training are Anatomy, Physiology, Health Education, Theory of Physical Education, Theory of Games and Athletics, Remedial Gymnastics, Irish, English, and Musical Appreciation.*

1967 - The time required to become a teacher of physical education is not the same as that for other disciplines such as mathematics, history, foreign language, etc. Academic subjects require 3-4 years of study for a degree, plus one additional year for a higher diploma in education.

CHANGES, DEVELOPMENT, AND PROGRESS IN THE PHYSICAL EDUCATION TEACHER TRAINING PROGRAM. *1967 - In the past three years an inspector has been appointed to supervise the work in the schools. This is the first appointment of such a nature in Ireland.*

Israel

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - The Teacher Training Department and the Ministry of Education and Culture have the responsibility for the planning of teacher training programs for physical education teachers.* 1963 - The Israel Education Department has the responsibility for planning teacher training programs.

TRAINING INSTITUTION		NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR		
					PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
FOR PHYSICAL EDUCATION TEACHERS ONLY	1963	2	2	18-20	x	x	x
	1967		*2*	*18-21*	*x*	*x*	*x*
FOR TEACHERS OF ALL SUBJECTS INCLUDING PHYSICAL EDUCATION	1963	18	2	18-20	x	x	
UNIVERSITIES	1963	3		18-20	x	x	x
OTHERS: Drawing, Handicraft, Home Economics	1963	about 3	2	18-20	x	x	x

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. *1967 - Diploma of Physical Education: 2 years of study, for the teacher of physical education at the primary, intermediate, and secondary school levels. Diploma of Physical Education: 2 years of study (many teachers have academic degrees from abroad or from related fields), for the teacher of physical education in the teacher training institutions. For the university level there are 2 years of study required in the service program only.* 1963 - Certified Teacher of Physical Education: 2 years.

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. *1967 - The following facilities are considered essential in the training of physical education teachers in Israel: gymnasiums, playgrounds, and swimming pools. However, these are inadequate at this time and there is mainly a lack of swimming pools in the colleges. No provisions have been made to conduct research in physical education in institutions where physical education teachers are trained. Research is carried out by the Sports and Physical Education Authority in the Ministry of Education and Culture. Physical education library resources are available to students at the Wingate Institute where their library consists of 8,000 books.*

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF

PRIMARY SCHOOL TEACHERS	INTERMEDIATE SCHOOL TEACHERS	SECONDARY SCHOOL TEACHERS
Modern Dance	Modern Dance	Modern Dance
Games of Low Organization*	Apparatus	Apparatus
Apparatus*; Rhythmics (W)	Rhythmics* (W)	Rhythmics* (W)
Swimming; Basketball	Swimming; Basketball	Swimming; Basketball
Volleyball; Tennis* (E-M-W)	Volleyball; Soccer (M)	Volleyball; Soccer (M)
Ping Pong* (E-M-W); Soccer (M)	Tennis* (E-M-W)	Tennis* (E-M-W)
Handball	Ping Ping* (E-M-W)	Ping Pong* (E-M-W)
Athletics (track & field)	Handball	Handball
Folk Dance	Athletics (track & field)	Athletics (track & field)
Free Exercises	*Folk Dance*	*Folk Dance*
Movement Education	*Free Exercises*	*Free Exercises*
	Movement Education	*Movement Education*

CODE: M=men only; W=women only; E=elective; *Italics=1967 listing;* non-Italics=1963 and 1967 listing; non-coded activity=required for both men and women; *=1963 listing only.

PROFESSIONAL TRAINING. *1967 - Compulsory courses included in the professional training of the teacher of physical education at the primary, intermediate, and secondary levels are Anatomy, Physiology, Physiology of Work, History of Education, Pedagogy, Psychology, History of Physical Education, Methods of Physical Education, and Theory of Physical Education.* 1963 - Geography, Psychology, Pedagogy, Anatomy, Physiology, Theory of Movement Development, History of Sports and Physical Education, Hygiene, and Practice Teaching.

1967 - The time required to become a teacher of physical education at the elementary level is the same as that for other disciplines such as mathematics, history, foreign language, etc. However, the time required to become a physical education teachers at the secondary level is not the same as that for academic subjects. Academic subjects require a Master's Degree.

CHANGES, DEVELOPMENT, AND PROGRESS IN THE PHYSICAL EDUCATION TEACHER TRAINING PROGRAM. *1967 - During the past three years there has been an introduction of English Movement Education into the primary grades. There has also been an increase in student teaching. Coaching is now being done by specialists.*

Italy

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - The Ministry of Education has the responsibility for planning the teacher training programs for physical education teachers.*

TRAINING INSTITUTION		NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
FOR TEACHERS OF ALL SUBJECTS INCLUDING PHYSICAL EDUCATION	*1967*	*Nearly 400**	*4*	*14*	*x*		

* *This is only a high school type institution for classroom teachers for the primary schools.*

(Continued)

TRAINING INSTITUTION		NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR		
					PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
UNIVERSITIES	*1967*	*9*	*3*	*18-19*		*x***	*x*
OTHERS: *I.S.E.F's (University Institute of Physical Education)****	*1967*	*3*	*3*	*18-19*		*x***	*x*

** *There is no difference in the training of the physical education teachers for the intermediate and and secondary schools.*

*** *The I.S.E.F.'s have not yet been acknowledged by the State and therefore their degrees are not yet valid for teaching.*

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. *1967 - Diploma for Teaching: 4 years of study at the secondary school level, for the teacher of physical education at the primary school level. Degree of Physical Education Teacher: 3 years of study at the university level, for the teacher of physical education at the intermediate and secondary school levels.*

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. *1967 - The following facilities are considered essential in the training of physical education teachers in Italy: gymnasiums, athletic fields, playing fields, and swimming pools. The adequacy of the above varies. The major inadequacy lies in the fact that the facilities are not in one central location but are scattered throughout the big cities or in different places. At the present the situation does not lend itself to provide for the conducting of research in physical education in institutions where physical education teachers are trained. There are some libraries at the I.S.E.F.'s and at the Centers for Studies on Physical Education, but they lack in bibliographical materials.*

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF SECONDARY SCHOOL TEACHERS

Rugby (E-M)
Baseball (E-M)
Tennis (E-M)
Soccer (E-M)
Sailing (E-M-W)
Handball
Swimming and Diving
Basketball
Volleyball
Fencing (M) (E-W)
Track and Field
Gymnastics
Canoeing (E-M-W)
Judo (E-M-W)
Choral Singing (E-M-W)
Skiing (E-M-W)
Horseback Riding (E-M-W)
Parachuting (E-M-W)
Water Skiing (E-M-W)
Boating (E-M-W)

CODE: M=men only; W=women only; E=elective; *Italics=1967 listing*; non-coded activity=required for both men and women.

PROFESSIONAL TRAINING. *1967 - Compulsory courses included in the training of physical education teachers for primary schools are Elements of Anatomy and Physiology of Locomotory Apparatus in Connection with Physical Education, Theory of Physical Education, Fundamentals of Exercise, Terminology, and Practice Teaching of Physical Education. Among the courses for the training of physical education teachers for the intermediate and secondary schools the following are included: General Biology with Fundamentals of Physics and Chemistry, Italian Language and Literature, Theory of Music with Solfeggio and Applications to Physical Education Exercises, Human Anatomy Applied to Physical Education, Human Physiology Applied to Physical Education, Endocrinology, General Hygiene, Foreign Language (generally English or French), School Legislation and Regulations as Applied to Physical Education and Recreation, General Techniques of Physical Education, Practical Exercises on Teaching Methods, Anthropology and Anthropometry, School and Sport Hygiene, Sports Medicine, First Aid, Psychology, Hydroclimatology, Corrective and Re-Educative Kinesiology, General and Specialized Pedagogy, History of Physical Education, Public Law, Theory and Methodology of Motor Activities, Cinematography Applied to Teaching and Sports, Studies on Educative, Developmental, and Applied Physical Education, Rhythmic and Modern Exercise, Medical Exercise, Exercise and Games for Children, and Physical Education for the Disabled.*

2

At the end of these courses (physical activities also) the student is given a judgment which is considered in the total evaluation which is attributed when the final examination is passed. Before being admitted to that final examination, which consists of the discussion of a written dissertation on one subject and two smaller dissertations on two different subjects, the student must get through a general examination consisting of a practical lesson on one of the items stated by the Ministry for the syllabi of the several classes of intermediate and secondary schools chosen by the examination committee.

The examination on subjects requiring two or three years of course work is always preceded by interviews; the examinations referring to technique and practice of sports and sport games include also historical notes; technique and style development; rules; and teaching methods.

The admission to I.S.E.F. is regulated by a competition consisting of: 1) careful medical examination; 2) practical tests on items included in physical education programs for the last year of courses in the secondary school; and 3) written test on general culture.

The number of students that may be admitted is stated every year by the Ministry and cannot be exceeded.

1967 - The time required to become a teacher of physical education is one year less than that for other disciplines such as mathematics, history, foreign language, etc. However, physical education teachers are requiring the introduction of the fourth year due to the reform of universities which is to take place shortly.

CHANGES, DEVELOPMENT, AND PROGRESS IN THE PHYSICAL EDUCATION TEACHER TRAINING PROGRAM. *1967 - No changes have taken place in the past three years since the reform of universities should provide for a new structure of the I.S.E.F.'s.*

Japan

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - The Ministry of Education and the Japanese Association for Accreditation of Universities set up the standards for the teacher training programs for physical education teachers.* 1963 - The responsibility is the same as for 1967.

TRAINING INSTITUTION		NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR		
					PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
FOR PHYSICAL EDUCATION TEACHERS ONLY	1963	3-Private	4	18		x	x
	1967	*4*	*4*	*18*		*x*	*x*
FOR TEACHERS OF ALL SUBJECTS INCLUDING PHYSICAL EDUCATION	*1967*		*4*	*18*	*x*		
UNIVERSITIES	1963	54-National	4	18	x	x	x
	1963	1-Private		18		x	x
	1967		*4*	*18*	*x*	*x*	*x*
OTHERS: Junior Colleges	1963	5-Private	2	18	x	x	
	1967		*2*	*18*		*x*	*x*

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. *1967 - Bachelor of Education: 4 years of study (2 or 4 years of study - intermediate school), for the teacher of physical education at the primary school, intermediate school, secondary school, teacher training institution, and university levels.* 1963 - Bachelor of Education: 4 years in university. Master of Education: 2 years of study beyond the Bachelor's Degree. Doctor of Education: 3 additional years.

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. *1967 - The following facilities are considered essential in the training of physical education teachers in Japan: gymnasiums, outdoor fields, and judo halls. At the present, however, these are inadequate and there is a lack of swimming facilities.*

Provisions are made to conduct research in physical education in institutions where physical education teachers are trained. For instance, at the University of Tokyo, a physical education course is given by the Faculty of Education in which research workers are trained for physical education. Physical education major students use the general library resources which are available to them as well as the special library for physical education.

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF		
PRIMARY SCHOOL TEACHERS	INTERMEDIATE SCHOOL TEACHERS	SECONDARY SCHOOL TEACHERS
Dance	Dance (W) (E-M)	Dance (W) (E-M)
Gymnastics	Gymnastics	Gymnastics
Sports	Outdoor Activities (E-M-W)	Outdoor Activities (E-M-W)
Games	Sports	Sports

CODE: M=men only; W=women only; E=elective; non-Italics=1963 and 1967 listing; non-coded activity= required for both men and women.

PROFESSIONAL TRAINING. *1967 - Compulsory courses in the training of the secondary school physical education teacher include Principles or Philosophy of Physical Education, History of Physical Education, Human Physiology, Physiology of Exercise, Anatomy, Laboratory in Anatomy and Physiology, Kinesiology, Methods of Physical Education, and Teaching Methods of Physical Education. Elective courses for this level include Tests and Measurement in Physical Education, Organization and Administration of Physical Education, Psychology of Physical Education, Sociological Study of Physical Education, Seminar in Physical Education, and Relationship between Health and Physical Education.* 1963 - Principles or Philosophy of Physical Education, History of Physical Education, Human Physiology, Physiology of Exercise, Anatomy, Laboratory Work on Anatomy and Physiology, Kinesiology, Methods of Physical Education, Teaching Materials for Physical Education, Organization and Administration of Physical Education, Psychology of Physical Education, Sociological Study of Physical Education, Seminars in Physical Education, Relationship between Health and Physical Education.

1967 - The time required to become a teacher of physical education is the same as that for other disciplines such as mathematics, history, foreign language, etc.

CHANGES, DEVELOPMENT, AND PROGRESS IN THE PHYSICAL EDUCATION TEACHER TRAINING PROGRAM. *1967 - No significant changes have been made in the past three years.*

Jordan

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - The Physical Education Section, Ministry of Culture and Education, has the responsibility for the planning of teacher training programs for physical education teachers.*

TRAINING INSTITUTION	NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR		
				PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
FOR TEACHERS OF ALL SUBJECTS INCLUDING PHYSICAL EDUCATION	*1967*	*2*	*18*	*x*		

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. *1967 - The following facilities are considered essential in the training of physical education teachers in Jordan: playing fields, apparatus, and sports equipment. At the present there is, however, a lack of gymnasiums, dressing rooms, showers, playing fields, and qualified instructors. Physical education library resources are available to students in the schools' libraries, however these are limited.*

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF PRIMARY SCHOOL TEACHERS	 INTERMEDIATE SCHOOL TEACHERS	 SECONDARY SCHOOL TEACHERS
Folk Dance	*Folk Dance*	*Folk Dance*
Apparatus (E-M-W)	*Apparatus*	*Apparatus*
Excursions (E-M-W)	*Excursions (E-M-W)*	*Excursions (E-M-W)*
Soccer (M); Basketball	*Soccer (M)*	*Soccer (M); Cross Country (M)*
Volleyball; Table Tennis	*Basketball; Volleyball*	*Basketball; Volleyball*
Handball; Track and Field	*Table Tennis; Handball*	*Table Tennis; Handball*
Badminton (W)	*Track and Field*	*Track and Field*
	Badminton (W)	*Badminton (W)*

CODE: M=men only; W=women only; E=elective; *Italics=1967 listing;* non-coded activity=required for both men and women.

PROFESSIONAL TRAINING. *1967 - Professional training for teachers of physical education at the primary, intermediate, and secondary school levels includes: Summer Courses in Physical Education; Sports, Methods of Teaching, Health Education, Physiology, and Recreational Games.*

CHANGES, DEVELOPMENT, AND PROGRESS IN THE PHYSICAL EDUCATION TEACHER TRAINING PROGRAM. *1967 - During the past three years, forty physical education teachers were sent outside the country to earn certificates and degrees in physical education. Physical Education was declared as a required subject in all grades. Up-to-date physical education programs are being developed for all grades.*

Kenya

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - The Teacher Training Panel under the Institute of Education has the responsibility for the planning of teacher training programs for physical education teachers.*

TRAINING INSTITUTION	NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR PRIMARY SCHOOLS	 INTERMEDIATE SCHOOLS	 SECONDARY SCHOOLS
FOR PHYSICAL EDUCATION *1967*	*1*		*18-20*	*x*		
TEACHERS ONLY			*20-22*			*x*

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. *1967 - Specialist Certificate: 1 year of study, for the teacher of physical education at the secondary school level.*

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. *1967 - Facilities used in the training of teachers are those left by the British Forces which include a modern gymnasium, swimming pool, and extensive playing fields. No provisions have been made to conduct research in physical education. Library resources available to students are fairly good as a start.*

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM. *1967 - A curriculum plan will be available when the Physical Education Specialist College is opened in 1967.*

PROFESSIONAL TRAINING. *1967 - General courses are the professional training which teachers at the primary and intermediate school levels receive. Starting in 1967 specialized professional courses will be offered to the secondary school teachers.*

CHANGES, DEVELOPMENT, AND PROGRESS IN THE PHYSICAL EDUCATION TEACHER TRAINING PROGRAM. *1967 - The Ministry has plans to start a College of Physical Education for specialization in 1967 as an experiment. The students would be trained for one year only and then teach in the secondary schools. This is a crash program to train local teachers to take over from the foreign teachers now in Kenya.*

Korea

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - The Bureau of Culture and Physical Education of the Ministry of Education, education committees of cities and provinces, and organizations designated by the Minister of Education, for example, the College of Physical Education and the Korea School Athletic Association, have the responsibility for the planning of teacher training programs for physical education teachers.*

TRAINING INSTITUTION	NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR PRIMARY SCHOOLS	TRAINING TEACHERS FOR INTERMEDIATE SCHOOLS	TRAINING TEACHERS FOR SECONDARY SCHOOLS
FOR PHYSICAL EDUCATION TEACHERS ONLY	*1967*	*2*	*18-19*	*x*		
		4			*x*	*x*
FOR TEACHERS OF ALL SUBJECTS INCLUDING PHYSICAL EDUCATION	*1967*	*2*	*18-19*	*x*		
		4			*x*	*x*
UNIVERSITIES	*1967*	*4*	*18-19*		*x*	*x*

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. *1967 - Diploma for Teacher (given by College of Education): 2 years of study, for the teacher of physical education at the primary school level. Diploma for Physical Education Teacher (given by College of Physical Education): 4 years of study, for the teacher of physical education at the intermediate and secondary school levels. Master of Physical Education: 6 years of study, for the teacher of physical education at the university.*

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. *1967 - Facilities that have been provided for the training of physical education teachers are considered adequate. Provisions have been made to conduct research in physical education at the Physical Education Research Institutes in the Colleges of Physical Education. Included in the library resources available to students are textbooks on physical education in primary, intermediate, and secondary schools; an introduction to physical education; principles of physical education; physical education and hygiene; and physiology of physical education.*

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF PRIMARY SCHOOL TEACHERS	PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF INTERMEDIATE SCHOOL TEACHERS	PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF SECONDARY SCHOOL TEACHERS
Educational Dance	*Educational Dance*	*Classical Dance (M)*
Track and Field	*Heavy Gymnastics (E-M)*	*Folk Dance (M)*
Swimming (E-M-W)	*Free Gymnastics (E-W)*	*Heavy Gymnastics (E-M-W)*
	Tumbling (E-M-W)	*Free Gymnastics (E-W)*
	Track and Field	*Tumbling (E-M-W)*
	Handball; Basketball	*Hiking (E-M-W)*
	Volleyball; Soccer (M)	*Camping (E-M-W)*
	Swimming (E-M-W)	*Physical Training at Beach (E-M-W)*
	Judo (E-M)	*Track and Field*
		Handball; Basketball
		Volleyball; Soccer (M)
		Swimming (E-M-W)
		Judo (E-M)

CODE: M=men only; W=women only; *Italics=1967 listing;* non-coded activity=required for both men and women.

PROFESSIONAL TRAINING. *1967 - Compulsory courses included in the professional training of physical education teachers are Western History of Physical Education; Ball Games; Competitive Games (track and field); Gymnastic Exercise; Dance; Principles of Physical Education; Physiology; Anatomy; and Rugby. Elective courses include Kinesiology; Boxing; Korean History of Physical Education; Seminar in Physical Education; Recreation; and Coaching.*

CHANGES, DEVELOPMENT, AND PROGRESS IN THE PHYSICAL EDUCATION TEACHER TRAINING PROGRAM. *1967 - During the past three years, more emphasis has been placed on recreation and kinesiology.*

Liberia

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - The Bureau of Physical Education and the Department of Education have the responsibility for the planning of teacher training programs for physical education teachers.* 1963 - The Bureau of Physical Education, under the leadership of the Director, has the responsibility for planning teacher training programs.

TRAINING INSTITUTION		NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
FOR PHYSICAL EDUCATION TEACHERS ONLY: Bureau of Physical Education	1963	1	3	Above 18	x	x	x
UNIVERSITIES: University of Liberia (Teacher's Training College)	1963						

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. *1967 - Diploma: 2 years of study at the In-Service Training School of Physical Education.* 1963 - Diploma, In-Service Training School, Bureau of Physical Education: 3 years. B.S. Degree, Teachers' Training College, University of Liberia: 4 years.

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. *1967 - The following facilities are considered essential in the training of physical education teachers in Liberia: textbooks, adequate space, qualified instructors, and equipment to be used after training. However, facilities are considered inadequate at the present. There is a lack of gymnasiums, playing fields, dressing rooms, and showers. The only facility available for research to students is a few textbooks and physical education magazines to which former students of physical education have subscribed or the USIS Library.*

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF		
PRIMARY SCHOOL TEACHERS	INTERMEDIATE SCHOOL TEACHERS	SECONDARY SCHOOL TEACHERS
Folk Dance*	Rhythmic Gymnastics	Folk Dance*
Activities of Low Organization*	Folk Dance*	Rhythmic Gymnastics*
Games in form of exercise*	Basketball	Basketball
	Volleyball	Volleyball
	Activities of High Organization*	Activities of High Organization*
	Apparatus	
	Stunts; Soccer (M)	*Soccer (M); Kickball*
	Kickball (W); Track and Field	*Track and Field (W)*

CODE: M=men only; W=women only; *Italics=1967 listing;* non-Italics=1963 and 1967 listing; non-coded activity=required for both men and women; *=1963 listing only.

PROFESSIONAL TRAINING. *1967 - Compulsory courses included in the teacher training include: Anatomy, Psychology, Health, First Aid, History of Physical Education, College English, Kinesiology, High and Low Organization Activities. Elective courses include: Dances and Social Games.* 1963 - Psychology, Anatomy and Physiology, History and Theory of Physical Education, Health, First Aid, and Practice Teaching.

Libya

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - The Ministry of Education has the responsibility for the planning of teacher training programs for physical education teachers.*

TRAINING INSTITUTION		NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR		
					PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
FOR PHYSICAL EDUCATION TEACHERS ONLY	*1967*	*1*	*4*	*15+*		*x*	
FOR TEACHERS OF ALL SUBJECTS INCLUDING PHYSICAL EDUCATION	*1967*	*14*	*4*	*13+*	*x*		

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. *1967 - General Diploma (qualifies the teacher to teach other primary school subjects): 4 years of study. Physical Training Diploma (qualifies the teacher to be a physical training teacher only): 4 years of study.*

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. *1967 - The following facilities are considered essential in the training of physical education teachers in Libya: playing fields and equipment. However, there is a lack of sufficient facilities for teacher training. No provisions have been made to conduct research in phsyical education in institutions where physical education teachers are trained. Beginning this year, libraries at the training colleges will have a special section on physical education.*

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF		
PRIMARY SCHOOL TEACHERS	INTERMEDIATE SCHOOL TEACHERS	SECONDARY SCHOOL TEACHERS
Rhythmics	*Rhythmics (M)*	*None Listed*
Apparatus; Excursions	*Apparatus (M); Excursions (M)*	
Camping; Soccer (M)	*Camping (M); Soccer (M)*	
Basketball	*Basketball (M)*	
Table Tennis	*Table Tennis (M)*	
Volleyball	*Volleyball (M)*	

CODE: M=men only; *Italics=1967 listing;* non-coded activity=required for both men and women.

1967 - The time required to become a teacher of physical education is the same as that for other disciplines such as mathematics, history, foreign language, etc.

CHANGES, DEVELOPMENT, AND PROGRESS IN THE PHYSICAL EDUCATION TEACHER TRAINING PROGRAM. *1967 - The present programs are on the whole workable, but the Ministry of Education is considering the possibility of getting physical training experts to assess the programs.*

Luxembourg

1963 - According to the information submitted, future teachers of physical education go abroad to study since there is no university in Luxembourg. In order to be admitted to the practical training course, the future teacher must: (a) Have the Luxembourg certificate of secondary studies; (b) Have a degree or diploma showing at least 3 years of study in a special university-type establishment; (c) Have passed the entrance examination which includes written, physical, and oral examinations. This is not required of those applicants who have obtained, in a special university-type establishment, the final certificate which is given after 4 years of study and which empowers the graduate to teach physical education in a secondary school of that country.

In addition, the appointment of physical education teachers requires 2 years probation in a secondary school in the country, followed by an examination which includes: a scientific or pedagogical paper on planning and conducting three classes; the morphological examination of three students; a rescue test; a first-aid test; oral examinations on general teaching subjects; and the biological and psychological bases of physical education, the methods of physical education, hygiene, and school law. Such training requirements are completely similar to those of the other branches of education.

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - The Ministry of National Education has the responsibility for the planning of teacher training programs for physical education teachers.*

TRAINING INSTITUTION		NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR PRIMARY SCHOOLS	TRAINING TEACHERS FOR INTERMEDIATE SCHOOLS	TRAINING TEACHERS FOR SECONDARY SCHOOLS
FOR TEACHERS OF ALL SUBJECTS INCLUDING PHYSICAL EDUCATION	*1967*	*1*	*2*	*19*	*x*		

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. *1967 - Primary Teacher Certificate of Competency: 2 years of study after obtaining the diploma at the end of secondary studies, for the teacher of physical education at the primary school level. To become a physical education teacher in the intermediate, secondary, technical, and professional schools, it is necessary to have a diploma from the secondary school and the first part of a B.A. in physical education (Belgium) or the examination of the second part of the physical education teacher's certificate (France), to pass an admittance exam for the training period, to have accomplished two years of practical training, to pass the pedagogical, theoretical, and practical tests of the final examination of the training period. The above requires 3 - 4 years study. Teachers of physical education at the university level are exempt from the admission examination to the training course taken by the candidates who are holding the second university certificate or the second part of the physical education teacher's certificate (France).*

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. *1967 - A gymnasium and a well-equipped stadium for all sports will soon be available at the Institut pédagogique. However, a swimming pool will still be needed. As of this date no provisions have been made to conduct research in physical education in institutions where physical education teachers are trained. As soon as the Institut pédagogique is moved into more adequate facilities, it is hoped that research will be initiated in the field of psychomotor learning. Future teachers can consult the library of the Institut pédagogique. They can also get information from the LASEL Library and the Center of Documentation of the National Institute of Sports.*

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF		
PRIMARY SCHOOL TEACHERS	INTERMEDIATE SCHOOL TEACHERS	SECONDARY SCHOOL TEACHERS
Folk Dance (E-M-W)	*Teachers in the intermediate and secondary schools get their higher education in France (the majority) or in Belgium.*	
Apparatus		
Swimming (E-M-W)		
Games		
Physical Fitness		
Individual Sports		
Team Sports		

CODE: M=men only; W=women only; E=elective; *Italics=1967 listing;* non-coded activity=required for both men and women.

PROFESSIONAL TRAINING. *1967 - Compulsory courses included in the professional training of the teacher of physical education at the primary level are Games, Physical Fitness, Individual Sports and Adapted Team Sports. Swimming is an elective. See the opening paragraph under this section for the information on professional training for the intermediate and secondary teachers. There has been no change since the government decree of June 17, 1960.*

1967 - The time required to become a teacher of physical education is theoretically one year less than that for other disciplines such as mathematics, history, foreign language, etc. However, with the physical education teachers having passed their university exams abroad while the other teachers pass their exams before the jury in Luxembourg, one year of adjustment is usually necessary for the future physical education teachers.

CHANGES, DEVELOPMENT, AND PROGRESS IN THE PHYSICAL EDUCATION TEACHER TRAINING PROGRAM. *1967 - In the past three years no changes have taken place.*

Malagasy Republic

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - The Ministry for Cultural Affairs, Tananarive, has the responsibility for planning the teacher training programs for physical education teachers.*

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. *1967 - Intermediate Certificate of General Education: 4 years of study in the intermediate school plus 2 years professional training with a possible period of instruction in France, for the teacher of physical education at the primary school level. Baccalaureate of Secondary Education: a period of instruction in France.*

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. *1967 - The facilities which are provided for the training of physical education teachers in the Malagasy Republic are considered adequate.*

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF PRIMARY SCHOOL TEACHERS AND INTERMEDIATE SCHOOL TEACHERS AND SECONDARY SCHOOL TEACHERS
Dance (E-M-W)
Gymnastics
Outdoor Activities
Sports; Swimming

CODE: M=men only; W=women only; E=elective; *Italics=1967 listing;* non-coded activity=required for both men and women.

PROFESSIONAL TRAINING. *1967 - The time required to become a teacher of physical education is the same as that for other disciplines. They must all have the required diplomas: Certificate of General Education (BEPC) or Baccalaureate or degree.*

CHANGES, DEVELOPMENT, AND PROGRESS IN THE PHYSICAL EDUCATION TEACHER TRAINING PROGRAM. *1967 - In the past three years, in-service training of physical education instructors has become a practice.*

Malaysia

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - The Teacher Training Department of the Ministry of Education has the responsibility for planning the teacher training programs for physical education teachers.* 1963 - The responsibility is the same as that for 1967.

TRAINING INSTITUTION		NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
FOR PHYSICAL EDUCATION TEACHERS ONLY	1963	1	1	21-24	x	x	x
	1967		*1*	*21-24*			*x*
FOR TEACHERS OF ALL SUBJECTS INCLUDING PHYSICAL EDUCATION	1963	16	2	18	x		
	1963	4	2	18		x	x
	1967	*17*	*2 or 3*	*18*	*x*		
	1967	*6*	*2*	*18*			*x*

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. *1967 - The majority of the teachers at the primary school level are general purpose teachers with a basic knowledge in physical education. To date many schools at the intermediate level have specialists who have undergone a one-year specialist training in physical education as well as their two-year basic teacher training. Most of these teachers are in the secondary schools. Certificate in Physical Education: 1 year plus 2 years of basic teacher training, for the teacher of physical education at the teacher training institutions.* 1963 - Certificate in Physical Education: 1 year, plus 2 years basic teacher training.

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. *1967 - The following facilities are considered essential in the training of physical education teachers in Malaysia: adequate playing fields, gymnasiums, swimming pools, and dressing rooms. However, while most teacher training colleges have playing fields there is only one college with a swimming pool. Most of the primary colleges have no gymnasiums and they make use of halls and covered sheds. No provisions have been made to conduct research in physical education in institutions where physical education teachers are trained. A good reference library, including a useful collection of audio-visual materials, is available in the Physical Education Department of the Specialist Teachers Training College. In most other training colleges, the physical education library is reasonably stocked.*

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF PRIMARY SCHOOL TEACHERS	INTERMEDIATE SCHOOL TEACHERS	SECONDARY SCHOOL TEACHERS
Folk Dance (International) (W)	Folk Dance (International) (W)	Folk Dance (International) (W)
Modern Dance (W)	Modern Dance (W)	Modern Dance (W)
Rhythmic Gymnastics* (E-M)	Rhythmic Gymnastics* (E-M)	Rhythmic Gymnastics* (E-M)
Danish Gymnastics	Danish Gymnastics	Danish Gymnastics
Educational Gymnastics *(W)*	Educational Gymnastics *(W)*	Educational Gymnastics *(W)*
Soccer (M)	Camping; Aquatics	Camping; Aquatics

CODE: M=men only; W=women only; E=elective; *Italics=1967 listing;* non-Italics=1963 and 1967 listing; non-coded activity=required for both men and women; *=1963 listing only.

(Continued)

MALAYSIA (Cont.)

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF		
PRIMARY SCHOOL TEACHERS	INTERMEDIATE SCHOOL TEACHERS	SECONDARY SCHOOL TEACHERS
Camping; Aquatics	Soccer (M); Cricket (M)	Soccer (M); Cricket (M)
Cricket (M); Rugby (M)	Rugby (M); Field Hockey (M)	Rugby (M); Field Hockey (M)
Field Hockey* (M)	Field Games*	Field Games*
Field Games*	*Apparatus (E-M)*	*Apparatus (E-M)*
Apparatus (E-M); Basketball (E-M)	*Badminton; Softball*	*Badminton; Softball*
Badminton; Softball	*Basketball*	*Basketball*

CODE: M=men only; W=women only; E=elective; *Italics=1967 listing;* non-Italics=1963 and 1967 listing; non-coded activity=required for both men and women; *=1963 listing only.

PROFESSIONAL TRAINING. *1967 - At the primary level, compulsory courses for the general purpose teacher include English, Malay, Education, and Physical Education. The same courses are in the training for the general purpose teacher at the intermediate level. At the secondary level, the teacher training includes eight hours per week instead of three hours of basic physical and health education.* 1963 - Physical Education is a required course in all Teachers' Training Colleges. On the average, 1 1/2 hours per week are devoted to the subject in Primary Teachers' Training Colleges, and 3 hours weekly in Secondary Teachers' Training Colleges. One-year specialist courses in Physical Education are offered to 24 men and 16 women teachers at the Physical Education department of the Specialist Teachers' Training Institute, Kuala Lumpur. These courses are designed for qualified teachers, who should have at least 2 years teaching experience before they are eligible for selection. Included in specialist training are: Principles and Practice of Physical Education, History of Physical Education, Anatomy and Kinesiology, Physiology, National and International Folk Dance, Track and Field, Aquatics, Field and Court Games, Camping and Outdoor Activities, and Supervised Practice Teaching. Recreational sports clubs are provided for students.

1967 - The time required to become a teacher of physical education is the same as that for other disciplines such as mathematics, history, foreign language, etc.

CHANGES, DEVELOPMENT, AND PROGRESS IN THE PHYSICAL EDUCATION TEACHER TRAINING PROGRAM. *1967 - In the past three years, the training for teachers of physical education at the primary school level has remained the same, however, all general purpose teachers undergo a basic course in physical education. For the secondary school teachers, three different courses of instruction have been developed. They are 1) Basic Physical Education and Health Education for all teachers - 3 hours per week; 2) Main Subject Course (emphasis on physical education) - 8 hours per week; 3) Supplementary Course - a one-year specialist course (full-time) for qualified teachers. The Specialist Teachers' Training Institute is now the nerve center of physical education in Malaysia. Besides offering the above courses, it organizes vacation courses for the other categories of teachers- e.g., in-service courses for qualified teachers and vacation courses for teachers undergoing part-time training*

Mauritania

1963 - There are no teacher training colleges in Mauritania at this time. Physical education teachers go to France for their training. All teachers practice sports and gymnastics.

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. 1963 - Certificates or degrees are awarded by the French teacher training institutions. Professor: Physical Education Teachers Certificate: 4 years after the baccalaureate. Instructor's or Master's: 2 years after the lower certificate.

Mexico

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - The National Technical Council of Education of the Department of Public Education has the responsibility for the planning of teacher training programs for physical education teachers.* 1963 - The National School for Physical Education Technical Board submits a statement of proposals and recommendations to the Director who officially has the responsibility for planning teacher training programs.

TRAINING INSTITUTION		NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
FOR PHYSICAL EDUCATION TEACHERS ONLY	1963	4	3	15-22	x	x	x
	1967	*3*	*3*	*16*	*x*		*x*
FOR TEACHERS OF ALL SUBJECTS INCLUDING PHYSICAL EDUCATION	1963	(Normal Schools) 24	3	15-22			
	1967	*2*	*3*	*16*	*x*		*x*
UNIVERSITIES	*1967*	*2*					
OTHERS: *Teachers' Training Institutions*	*1967*	*Rural-29* *Urban-52* *Higher-1*		*20*			

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. *1967 - Diploma: 3 years of study, for the teacher of physical education at the primary, intermediate, and secondary school levels, teacher training institutions, and universities.* 1963 - Professor of Physical Education: 3 years. Normal School Graduate: 3 years. Specialist Teacher: 3 additional years.

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. *1967 - The following facilities are considered essential in the training of physical education teachers in Mexico: gymnasiums, swimming pools, athletic tracks, volleyball and basketball courts, soccer fields, play areas for games. At present the facilities provided are adequate. However, it is felt that the lack of facilities is due to the great number of recruits to the physical education profession. Provisions are made to conduct research in physical education in the centers of professional improvement for teachers organized by The National School of Physical Education. Library resources are almost non-existent.*

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF

PRIMARY SCHOOL TEACHERS

Classic Dance *(W)*
Regional Dances*
Apparatus* (E-M)
Rhythmic Gymnastics *(W)*
Hiking* (E-M-W)
Badminton*; Baseball* (M)
Basketball; Boxing* (M)
Fencing*; Soccer (M)
Swimming; Wrestling* (M)
Athletics (track & field)
Folkloric Dance
Basic Gymnastics
Volleyball

INTERMEDIATE SCHOOL TEACHERS

Folkloric Dance
Classic Dance (W)
Basic Gymnastics
Rhythmic Gymnastics (W)
Volleyball; Basketball
Soccer (M)
Unigoal
Track and Field
Swimming

SECONDARY SCHOOL TEACHERS

Classic Dance *(W)*
Regional Dances*
Apparatus*
Rhythmic Gymnastics *(W)*
Hiking* (E-M-W)
Badminton*
Baseball* (M)
Basketball; Boxing* (M)
Fencing; Soccer (M)
Swimming; Wrestling* (M)
Athletics (track & field)
Folkloric Dance
Basic Gymnastics
Higher Gymnastics
Outdoor Excursions;
Volleyball; Unigoal

CODE: M=men only; W=women only; E=elective; *Italics=1967 listing;* non-Italics=1963 and 1967 listing; non-coded activity=required for both men and women; *=1963 listing only.

PROFESSIONAL TRAINING. *1967 - The following courses are included in the professional training of physical education teachers at the National School of Physical Education: Anatomy, Science of Education, History of Education, Sociology, English, Spanish, Rhythm, Method, Music and Choir, Psychology, General Physiology, Specialized Physiology and Exercises, Kinetics and Anthropometry, Hygiene and Nutrition, Knowledge of Child and Adult, Technique of Teaching Physical Education, Physics, Recreation, Prevention and Treatment of Sport Injuries, Physiotherapy, Physical Index and Functional Tests, Techniques of Teaching Physical Education, and Orientation, Organization, and Administration of Physical Education.* 1963 -English, General Psychology, Psychology of Adolescence, Sociology, Anatomy, General Physiology, Anthropometry, First Aid, Hygiene and Nutrition, Techniques of Teaching, History of Physical Education, Orientation, Organization, and Administration of Physical Education, Theory of Games, Physical Education Exercises, Marching Exercise, Gymnastics, Medical Gymnastics, and Sports.

1967 - The time required to become a teacher of physical education is not the same as that for other disciplines such as mathematics, history, foreign language, etc. For the academic subject matters mentioned it is necessary to study four additional years in the Higher Teachers Training Institution of specialization.

CHANGES, DEVELOPMENT, AND PROGRESS IN THE PHYSICAL EDUCATION TEACHER TRAINING PROGRAM. *1967 - With the establishment of both services of out-of-school sports extension and standing school sports games, the third year students of the National School of Physical Education are trained in the techniques of teaching with the pupils which attend the sports fields.*

Morocco

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - The Ministry of Education has the responsibility for the planning of teacher training programs for physical education teachers. The Under-Secretary's Department for Youth and Sports has the responsibility for the planning of training programs for physical education instructors.* 1963 - The High Commissary for Youth and Sports, in cooperation with the Ministry of Education, has the responsibility for planning teacher training programs.

TRAINING INSTITUTION		NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR		
					PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
FOR PHYSICAL EDUCATION TEACHERS ONLY	1963	1	1				
	1967		*3*	*21*	*x*		*x*
FOR TEACHERS OF ALL SUBJECTS INCLUDING PHYSICAL EDUCATION	1963	1					
UNIVERSITIES	1963	2					
OTHERS:							
Instructors	*1967*		*1*	*18*	*x*		*x*

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. *1967 - Certificate for Physical Education (1st part): 1 year of study; Certificate for Physical Education (2nd part): 1 year of study; Probationary Tests (after 2nd part): 2 years of study, for the teacher of physical education at the intermediate secondary school levels and at the university. Master's Degree in Sports and Physical Education: 2 years of study.* 1963 - Professor: Teacher's Certificate of Physical Education (1st part): 1 year. Probationary Examination: 2 years. Teacher's Certificate (2nd part): 1 year. Mastership (1st part): 1 year; (2nd part): 1 year - these are French degrees. Instructor: 1 year training (in Rabat).

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. *1967 - There is a lack of adequate sports equipment, budget, and specific guidance in sports and physical education in Morocco. Research in physical education is the function of the responsible ministries. Basic library materials can be found in the training colleges in Casablanca and Rabat.*

MOROCCO (Cont.)

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF PRIMARY SCHOOL TEACHERS	SECONDARY SCHOOL TEACHERS
Folk Dance (M) *(E-M)*	**Folk Dance (M)(E-W)**
Rhythmic Gymnastics* (M)	**Rhythmic Gymnastics***
Basketball; Sports (M)	**Mountaineering* (M) (E-W)**
Mimetics (E-M); Body Expression (E-M)	**Basketball (M); Soccer (M); Handball (M)**
General Gymnastics; Team Sports	**Volleyball (M)**
Swimming; Athletics (track & field)	*Mimetics; Body Expression*
Sports Legislation	*General Gymnastics*
First Aid	*Team Sports; Swimming; Atheltics (track & field)*
General Information on Sports	*Sports Legislation*
	First Aid; General Information on Sports

CODE: M=men only; W=women only; E=elective; *Italics=1967 listing;* non-Italics=1963 and 1967 listing; non-coded activity=required for both men and women; *=1963 listing only.

PROFESSIONAL TRAINING. *1967 - Courses for the primary and secondary level teacher training include Anatomy, Physiology, Psychology, Sports Techniques, First Aid, Team Sports.* 1963 - There is no difference in training for primary and secondary school teachers. The physical education teachers are specialists in certain types of schools beyond the secondary level. Professional courses include Anatomy, Physiology, Psychology, Sport Techniques, Physical Education Methods.

1967 - The time required to become a teacher of physical education is less than that for other disciplines such as mathematics, history, foreign language, etc. To become a teacher of the above academic subjects requires an important diploma such as a Doctor's Degree or a Master's Degree which takes many years of hard work after the Bachelor's Degree (at least 5 or 6 years). To become a sports and physical education teacher, you need only 4 years of study. To become an instructor, a probationary period of 1 year is sufficient.

Netherlands

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - The academies for physical education together with the departments of education and sciences have the responsibility for the planning of teacher training programs for physical education teachers.*

TRAINING INSTITUTION		NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
FOR PHYSICAL EDUCATION TEACHERS ONLY	*1967*	*5*	*4*	*19+*	*x*	*x*	*x*

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. *1967 - Teacher's Degree: 4 years of study, for the teacher of physical education at all educational levels.*

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. *1967 - The following facilities are considered essential in the training of physical education teachers in the Netherlands: equipment, playing fields, gymnastics halls, classrooms, and seminar rooms. There is a lack of dressing rooms, showers, and administration rooms. No provisions have been made to conduct research in physical education in institutions where physical education teachers are trained. Library resources available for students' use include books and weeklies. Financial assistance is necessary to improve the situation.*

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF PRIMARY SCHOOL TEACHERS	INTERMEDIATE SCHOOL TEACHERS	SECONDARY SCHOOL TEACHERS
Apparatus	*Apparatus*	*Apparatus*
Rhythmic Gymnastics	*Rhythmic Gymnastics*	*Rhythmic Gymnastics*
Tumbling	*Tumbling*	*Tumbling*
Swimming	*Soccer (M)*	*Skiing*
	Basketball	*Soccer (M); Basketball*
	Volleyball; Handball	*Volleyball; Handball*
	Softball (W); Swimming	*Softball (W); Swimming*
	Baseball (M); Tennis	*Baseball (M); Tennis; Boxing (M)*

CODE: M=men only; W=women only; *Italics=1967 listing;* non-coded activity=required for both men and women.

PROFESSIONAL TRAINING. *1967 - The time required to become a teacher of physical education is four years whereas for other disciplines such as mathematics, history, foreign language, etc. it may require perhaps four to five years with a maximum of ten hours per week.*

CHANGES, DEVELOPMENT, AND PROGRESS IN THE PHYSICAL EDUCATION TEACHER TRAINING PROGRAM. *1967 - During the past three years there have been no changes.*

New Zealand

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - The Department of Education and the teachers' colleges have the responsibility for the planning of teacher training programs for physical education teachers at the primary and intermediate school levels. The School of Physical Education, University of Otago, Dunedin, has the responsibility for the planning of teacher training programs for the secondary school levels.* 1963 - The Department of Physical Education, in the Department of Education, has the responsibility for planning teacher training programs.

TRAINING INSTITUTION		NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
FOR PHYSICAL EDUCATION TEACHERS ONLY	1963	1	3	18	x	x	x
	1967		*4*	*18*	*x*		
	1967	*1*	*3*	*25*		*x*	
	1967	*1*	*4*	*18*			*x*
FOR TEACHERS OF ALL SUBJECTS INCLUDING PHYSICAL EDUCATION	1963	8	2	17-18	x	x	
	1967	*8*	*3*	*17-18*	*x*	*x*	
UNIVERSITIES	1963	4	3	17-18			x

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. *1967 - Certificate of Teaching endorsed for physical education: 3, plus at least 4 years teaching experience, for the teacher of physical education at the primary and intermediate school levels. Diploma of Physical Education and Teacher's Certificate: 4 years of study, for the teacher of physical education at the secondary school level. Certificate of Teaching endorsed for physical education: 3 years of study, for the teacher of physical education at the teacher training institutions.* 1963 - Diploma of Physical Education: 3 years, plus 1 post-graduate year. Endorsed Teachers' Certificate: 2 years study, 2 years teaching, and 1 year of physical education study.

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. *1967 - Two complete Schools of Physical Education are needed. One which is fully equipped is available and operating; the second is not yet contemplated. The indoor physical education facilities are adequate, however, the outdoor facilities need to be extended. Some provisions have been made to conduct research in physical education in institutions where physical education teachers are trained. There is a laboratory and a lecturer in charge of research at the School of Physical Education in Dunedin. This facility needs to be enlarged and the staff extended. There is an adequate library at the University of Otago in Dunedin, as well as small libraries at the teachers' colleges which are improving the library facilities.*

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF		
PRIMARY SCHOOL TEACHERS	INTERMEDIATE SCHOOL TEACHERS	SECONDARY SCHOOL TEACHERS
Folk Dance; *Ballroom Dance (W)* Creative Dance (E-M) not 1967 only (W) Apparatus *(E-M-W)* Rhythmic Gymnastics *(E-M-W)* Tumbling* Basketball; Field Hockey Rugby (M); Softball Soccer (M); Swimming; Tennis Athletics (track & field) *(M)* *Floor Exercises; Camping* *Mountaineering* *Cricket (E-M-W)*	Classic Dance* Creative Dance (E-M) not 1967 only (W) Ballroom Dance *(E-W)* Apparatus *(E-M-W)* Rhythmic Gymnastics *(E-M-W)* Tumbling*; Camping Mountaineering*; Basketball Hockey; Rugby (M) Softball; Soccer (M) Swimming; Tennis; *Cricket (E-M-W)* Athletics (track & field) *Folk Dance; Floor Exercises* *Educational Gymnastics (E-M-W)*	Classic Dance*; *Folk Dance* Creative Dance *(W)* Ballroom Dance *(E-M-W)* Apparatus; *Floor Exercises* Rhythmic Gymnastics Tumbling*, Camping Mountaineering *(E-M-W)* Basketball; Hockey; Rugby (M) Softball; Soccer (M) Swimming; Tennis Athletics (track & field) *Educational Gymnastics* *Cricket (E-M-W)*

CODE: M=men only; W=women only; E=elective; *Italics=1967 listing;* non-Italics=1963 and 1967 listing; non-coded activity=required for both men and women; *=1963 listing only.

PROFESSIONAL TRAINING. *1967 - At the primary and intermediate level, compulsory courses include The Curriculum of Physical Education and Practice Teaching. Elective courses at this level are Sciences of Physical Education, History, Principles and Philosophy, Kinesiology, and Practice Teaching. At the secondary school level, compulsory courses include Physical Education Sciences, History, Principles and Philosophy, Measurement, Evaluation, Outdoor Education, Health Education, and Practical Courses. Certain practical courses are electives at the secondary level.* 1963 - The following theoretical courses are included in the training of physical education teachers: Anatomy, Physiology, Physics, Chemistry, Kinesiology, Education. Trainees for primary and intermediate schools do not take physics and chemistry. Primary and intermediate school trainees take 2 years of classroom teacher training, plus 2 years of classroom teaching, plus a 1-year special physical education course. Post-primary trainees take a 3-year course plus 1-year in a Teacher's College.

1967 - The time required to become a teacher of physical education at the secondary school level is the same as that for other disciplines such as mathematics, history, foreign language, etc.

CHANGES, DEVELOPMENT, AND PROGRESS IN THE PHYSICAL EDUCATION TEACHER TRAINING PROGRAM. *1967 - In the past three years, the training for secondary school physical education teachers has been unaltered. For the primary and intermediate school physical education teachers, a permanent course has been opened at Palmerston North Teachers' College. A few selected classroom teachers are given a special 1-year course and return to their classrooms, to Intermediate Schools, or to the Physical Education Advisory Service. Ordinary training for primary school classroom teaching, including physical education, has been extended from two years to three.*

Nigeria-Eastern

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - The Ministry of Education has the responsibility for planning the teacher training programs for the Grade II teachers who teach in the elementary schools. They are required to take courses in the theory and practice of physical education. Physical education experts at the Advanced Teacher Training College and faculty members of the Department of Physical Education (U.N.N.) are responsible for the planning of the physical education program for the secondary school teachers.*

TRAINING INSTITUTION		NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR		
					PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
FOR TEACHERS OF ALL SUBJECTS INCLUDING PHYSICAL EDUCATION	*1967*	*5*	*3*	*18*			*x*
UNIVERSITIES	*1967*	*1*	*3-4*	*18-20*			*x*

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. *1967 - Teacher Training Certificate: 4 years of study with required courses in physical education, for the teacher of physical education at the primary and intermediate school levels. Nigerian Teachers' Certificate (with a major in Physical Education): 3 years of study; Diploma in Physical Education (Nigeria.C. Zaria): 3 years of study; Bachelor of Science in Physical Education (University of Nigeria): 3-4 years of study, for the teacher of physical education at the secondary school level and teacher training institution. Bachelor of Science in Health and Physical Education, plus 3 years experience: 3-4 years of study, for the teacher of physical education at the university.*

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. *1967 - The following facilities are considered essential in the training of physical education teachers in Eastern Nigeria: Outdoor facilities - swimming pools, playing fields, courts; Indoor facilities - gymnasiums, gymnastic equipment, dressing rooms, showers, and special classrooms. The degree in which these facilities are provided depends on the level of the teacher training. In the case of the degree students, there are more than with the Grade II teachers. Provisions have been made to conduct research in physical education in institutions where physical education teachers are trained. There is such a provision at the University of Nigeria for all faculty members including physical education staff who are all currently working on some project. At the Advanced Teachers' Colleges where there are majors in physical education some modern books in physical education such as those used for professional preparation in the United States are available. The library at the University of Nigeria is gradually being built up with professional books.*

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF		
PRIMARY SCHOOL TEACHERS	INTERMEDIATE SCHOOL TEACHERS	SECONDARY SCHOOL TEACHERS
Local Dance (W-E-M)	*Local Dance (W-E-M)*	*Boy Scouting or brigade (E-M)*
Stunts and Tumbling	*Stunts and Tumbling*	*Girl Guides (E-W)*
Boy Scouting or brigade (E-M)	*Boy Scouting or brigade (E-M)*	*Soccer (M)*
Girl Guides (E-W)	*Girl Guides (E-W)*	*Netball (W)*
Soccer (M)	*Soccer (M)*	*Track and Field*
Netball (W)	*Netball (W)*	*Tennis*
	Track and Field	*Hockey (E-M)*
	Tennis; Basketball (E-M)	*Volleyball (E-M)*
	Cricket (E-M); Hockey (E-M)	
	Volleyball (E-M)	

CODE: **M=men only; W=women only; E=elective;** *Italics=1967 listing;* **non-coded activity=required for both men and women.**

PROFESSIONAL TRAINING. *1967 - Included in the preparatory courses are: Beginning Swimming; Basketball; First Year Gymnastics and Tumbling; Movement Study and Dance Techniques; Introduction, History, Philosophy, Organization and Administration of Physical Education; Social and Philosophical Foundations of Education; Badminton; Volleyball; Skills and Techniques of Team Sports; Educational Psychology; Personal, Mental and School Health; Anatomy and Physiology; Philosophy of Education; Comparative Education; Curriculum and Methodology; Lawn Tennis; Skills and Techniques of Individual Sports; First Aid and Safety, Prevention and Care of Athletic Injuries, Activity for the Atypical; Scientific and Psychological Bases of Coaching; Tests and Measurements; Kinesiology; Seminar in Physical Education; History of Nigerian Education; History of Education; Practice Teaching; and Special Methods in Teaching Subjects Field (Physical Education).*

1967 - The time required to become a teacher of physical education is the same as that for other disciplines such as mathematics, history, foreign language, etc.

CHANGES, DEVELOPMENT, AND PROGRESS IN THE PHYSICAL EDUCATION TEACHER TRAINING PROGRAM. *1967 - Within the past three years the following have taken place: 1. The Ministries of Education have made it a requirement for Teacher Training Colleges for Grade II Teachers to hire qualified physical educators. The problem is that there are not enough of such teachers; 2. Physical education has been included as one of the major subjects in the Advanced Teacher Training Colleges all over the country so as to produce teachers for the secondary schools; 3. The greatest achievement is the establishment of the Department of Health and Physical Education at the University of Nigeria since 1962 for training highly qualified teachers of health and physical education; and 4. The Ministries have included physical education among the courses for the award of overseas scholarships.*

Norway

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - The Ministry of Education has the responsibility for planning of teacher training programs for physical education teachers.* 1963 - The Royal Norwegian Ministry of Education, Physical Education Department, has the responsibility for planning teacher training programs.

TRAINING INSTITUTION		NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR		
					PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
FOR PHYSICAL EDUCATION TEACHERS ONLY	1963	1	1/2/3	22-23	x	x	x
	1967	*1*		*20-35*	*x*	*x*	*x*
FOR TEACHERS OF ALL SUBJECTS INCLUDING PHYSICAL EDUCATION	1963	15	2/4	19	x	x	x
	1967	*17*		*20*	*x*	*x*	
UNIVERSITIES	1963	2					
	1967	*- The universities give no training for physical education teachers.*					
OTHERS	*1967*	*- There are extension courses during two summer holidays, with correspondence lessons during the school year and winter sports during the winter holidays.*					

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. *1967 - At the present, there is only a one year course. The new college will offer undergraduate courses of a one and two-year duration. Graduate courses of approximately two years' duration will be offered in specialized subjects such as physiology, kinesiology, and psychology.* 1963 - Certificates may be obtained after 1, 2, or 3 years of study.

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. *1967 - The following facilities are considered essential in the training of physical education teachers in Norway: gymnasiums, playing fields, dressing rooms, showers, swimming pools, sports grounds, facilities for skiing and skating, and orienteering. The facilities which are provided for this training are adequate. At the present there have been no provisions made to conduct research in physical education in institutions where physical education teachers are trained. The new College of Physical Education, "Norges Idrettshøgskole", is under construction and will begin to operate on 1 July, 1968. Facilities for research will be provided by the University of Oslo and other institutions. The students will have free access to the university library and to the specialized libraries of the research institutions. A specialized library will be developed at the new college.*

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF		
PRIMARY SCHOOL TEACHERS	INTERMEDIATE SCHOOL TEACHERS	SECONDARY SCHOOL TEACHERS
Folk Dance	Classic Dance* (W)	Classic Dance* (W)
Apparatus *(small - W)*	Folk Dance	Folk Dance
Rhythmic Gymnastics	Apparatus *(small - W)*	Apparatus *(small - W)*
Skiing; Skating	Rhythmic Gymnastics	Rhythmic Gymnastics
Orienteering; Basketball*	Skiing; Skating	Skiing; Skating
Athletics (track & field)	Orienteering; Basketball*	Orienteering; Basketball*
Rhythmic Gymnastics (creative work) (W)	Athletics (track & field)	Athletics (track & field)
Tumbling	*Rhythmic Gymnastics (creative work) (W)*	*Rhythmic Gymnastics (creative work) (W)*
Cross Country Skiing	*Tumbling*	*Tumbling*
Ball Games	*Cross Country Skiing*	*Cross Country Skiing*
	Ball Games	*Ball Games*

CODE: W=women only; *Italics=1967 listing;* non-Italics=1963 and 1967 listing; non-coded activity= required for both men and women; *=1963 listing only.

PROFESSIONAL TRAINING. *1967 - The training for the primary school physical education teacher is a teachers' training college education which includes 4 lessons per week for 2 years. These are the same subjects as are given in the one year course for intermediate teachers, but are adapted to the very short time available. At the intermediate level, the training is a course planned approximately like that of the State College of Physical Education, which is a one-year course. The professional training program for the secondary school physical education teacher is presently under development at the new State College of Physical Education.* 1963 - College of Physical Education. Scientific courses: Anatomy, Physiology, Theory of Training, Sport Injuries - First Aid, Hygiene and Public Health, Body Mechanics. Historical and Educational Courses: Physiology of Physical Education, Theory of Gymnastics, Pedagogics.

1967 - The time required to become a teacher of physical education is the same (three years) as that for other disciplines such as mathematics, history, foreign language, etc. A full teacher's certificate includes also other minor subjects of one or two years.

CHANGES, DEVELOPMENT, AND PROGRESS IN THE PHYSICAL EDUCATION TEACHER TRAINING PROGRAM. *1967 - During the last three years there have been no essential changes. An important change will occur in 1968 when the new College of Physical Education Teacher Training will begin operating.*

Pakistan-Eastern

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - The Directorate of Physical Education and the Dacca University have the responsibility for the planning of teacher training programs for physical education teachers.*

TRAINING INSTITUTION		NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR		
					PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
FOR PHYSICAL EDUCATION TEACHERS ONLY	*1967*	*28*	*1*	*23*	*x*		
		1	*1*	*25*		*x*	*x*
FOR TEACHERS OF ALL SUBJECTS INCLUDING PHYSICAL EDUCATION	*1967*	*7*	*1*	*25*		*x*	*x*

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. *1967 - Certificate: 1 year of study, for the teacher of physical education at the primary school level. Junior Diploma: 1 year of study, for the teacher of physical education at the intermediate school level. Bachelor of Physical Education Degree: 1 year of study, for the teacher of physical education at the secondary school level. Degree: 1 year of study (preferably with foreign training), for the teacher of physical education at the teacher training institution or university.*

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. *1967 - The following facilities are considered essential in the training of physical education teachers in E. Pakistan: playing fields, gymnasiums, swimming pools, sports and games equipment of various kinds, literature on the subject, and a College of Physical Education. There is a definite lack of swimming pools. No provisions have been made to conduct research in physical education in institutions where physical education teachers are trained. There are 3,000 books on physical education available in the College of Physical Education Library for the students' use. However, resources are limited.*

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF		
PRIMARY SCHOOL TEACHERS	INTERMEDIATE SCHOOL TEACHERS	SECONDARY SCHOOL TEACHERS

Folk Dance, Apparatus, Tumbling, Rhythmics, Camping, Hiking, Soccer (M), Hockey, Cricket, Basketball, Volleyball, Softball, Athletics (track & field), Teni Koit, Informal Games, Indigenous Games, Civil Defense, Scouting, Aquatics

CODE: *Italics=1967 listing;* **non-coded activity=required for both men and women.**

PROFESSIONAL TRAINING. *1967 - As listed in the Prospectus of the College of Physical Education East Pakistan, Dacca, the curriculum is as follows: Curriculum: 1) knowledge about the modern trends of Physical Education, Philosophy of Education and Physical Education, Health Education and modern Recreation Service Program for the schools and colleges; 2) knowledge of leadership for the community Health and Recreation; and 3) special professional courses on Physical Education to ensure broad outlook of the prospective teachers and leaders in the field of Physical Education. Theoretical Subjects: Theory of Physical Education; Test and Measurement and Research Methods in Health, Physical Education, and Recreation; History and Current Movements of Physical Education; Methods of Teaching in Physical Education, Health, and Recreation; Anatomy and Physiology; Health Education and First Aid; Rules of Games and Sports; Educational Psychology and Mental Hygiene; and Organization and Administration of Physical Education, Health, and Recreation.*

1967 - The time required to become a teacher of physical education is the same as that for other disciplines such as mathematics, history, foreign language, etc.

CHANGES, DEVELOPMENT, AND PROGRESS IN THE PHYSICAL EDUCATION TEACHER TRAINING PROGRAM. *1967 - In the past the number for enrollment in the College of Physical Education was 75 per year. Within the past three years it has been raised to 175. To meet the increasing demand of physical education teachers one more college of physical education is being started in an important city of the province. The 28 Primary Training Institutions of the province have been provided with physical education staff.*

Paraguay

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - The National School of Physical Education has the responsibility for the planning of teachers training programs for physical education teachers.* 1963 - Responsibility for planning teacher training programs rests with the National School of Physical Education, under the Ministry of Education and Culture.

TRAINING INSTITUTION		NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR		
					PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
FOR PHYSICAL EDUCATION	1963	1	2	17	x	x	x
TEACHERS ONLY	*1967*	*1*	*2*	*17*	*x*	*x*	*x*
FOR TEACHERS OF ALL	1963	36	2	14	x	x	
SUBJECTS INCLUDING	1963		8				x
PHYSICAL EDUCATION	*1967*	*40*	*3*	*15*	*x*	*x*	*x*

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. *1967 - Superior Teacher of Physical Education: 2 years of study, for the teacher of physical education at the primary, intermediate, and secondary school levels. Physical Education is not included in the university curriculum.* 1963 - Specialist in Volleyball: 1 year. Specialist in Basketball: 1 year. Specialist in Soccer: 1 year. Specialist in Athletics: 1 year.

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. *1967 - The following facilities are considered essential in the training of physical education teachers in Paraguay: sports fields, tracks, swimming facilities, dressing rooms, showers, and classrooms for theory classes. However, there is a lack of indoor field houses and swimming facilities. No provisions have been made to conduct research in physical education in institutions where physical education teachers are trained. The students have no library facilities available to them; their teachers provide them with notes in the courses being taken.*

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF		
PRIMARY SCHOOL TEACHERS	INTERMEDIATE SCHOOL TEACHERS	SECONDARY SCHOOL TEACHERS
Classic Dance* (E-M-W)	Classic Dance* (E-M-W)	Apparatus (E-M-W)
Folk Dance*	Folk Dance *(W)*	Rhythmic Gymnastics (W) (E-M)
Apparatus* (E-M)	Apparatus (E-M-W)	Camping
Rhythmic Gymnastics* (E-M-W)	Rhythmic Gymnastics (W) (E-M)	Basketball
Camping*	Camping	*Folk Dance*
	Basketball (E-M-W)	*Soccer (M)*
	Soccer (M); Volleyball (W)	*Volleyball (W)*
	Track and Field	*Track and Field*
	Recreational Activities	*Recreational Activities*

CODE: M=men only; W=women only; E=elective; *Italics=1967 listing;* non-Italics=1963 and 1967 listing; non-coded activity=required for both men and women; *=1963 listing only.

PROFESSIONAL TRAINING. 1963 - First Course: Theory: Anatomy, Hygiene, History and Organization, Methodology. Attack and Defense: Jiu Jitsu and Boxing. Water Sports: Swimming, Water Polo, Rowing. Team Sports: Basketball, Volleyball, Soccer. Individual Sports: Track, Throwing, Jumping, Gymnastic Apparatus, Gymnasium Exercises, Rhythmics, Weights. Second Course: Theory: Same as the first course plus Biometry, Physiotherapy, Traumatology, Psychology, Metabology, Kinesiology. Attack and Defense: Same as above plus fencing. Water Sports: Same as above. Team Sports: Same as above. Individual Sports: Same as above.

1967 - The time required to become a teacher of physical education is not the same as that for other disciplines such as mathematics, history, foreign language, etc. For the physical education teachers it is two years and for others it is three years, plus a specialized course of three additional years at the university level in the following subjects: history, mathematics, pedagogy, sociology, and languages.

CHANGES, DEVELOPMENT, AND PROGRESS IN THE PHYSICAL EDUCATION TEACHER TRAINING PROGRAM. *1967 - During the past three years there have been no significant changes made.*

Peru

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - The Directive Councils of each school have the responsibility for planning the teacher training programs for physical education teachers.* 1963 - Same as 1963. Each school is academically independent; the only connection with the government is administrative in nature.

TRAINING INSTITUTION		NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
FOR PHYSICAL EDUCATION TEACHERS ONLY	1963	1	4	18			
	1967	*7*	*4*	*18-20*	*x*	*x*	*x*
FOR TEACHERS OF ALL SUBJECTS INCLUDING PHYSICAL EDUCATION	1963	26	4	17	x		
		4	4	18			x
	1967	*50*	*3*	*18-20*	*x*		
		20	*4*	*18-20*		*x*	*x*
UNIVERSITIES	1963	7		18	x		x
	1967	*10*					
OTHERS:							
Higher Normal School	1963			18	x		x

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. *1967 - Title of Professor of Physical Education: 4 years of study, for the teacher of physical education at the primary, intermediate, and secondary school levels, teacher training institutions, and universities.* 1963 - Physical Education Teacher (may teach at all levels): 4 years. Kinesiologist (Post-graduate course for physical education teachers): 3 years. Sports Technician: length of training depends on type of sport.

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. *1967 - The following facilities are considered essential in the training of physical education teachers in Peru: gymnasiums, playing fields, research laboratories, classrooms, swimming pools. However, there is a lack of gymnasiums, gymnastic apparatus, laboratories and swimming pools due to the high cost. Provisions have been made to conduct research in physical education in institutions where physical education teachers are trained. At the Institute of Physical Education, Piura, research has been conducted on physical fitness. Research on the physiology of exercise has been done at the Institute of Physical Education, Lima. At the Institute of Physical Education, Puno, research has been done on the physiology of height. Small libraries exist but do not contain all the necessary materials on physical education.*

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF PRIMARY SCHOOL TEACHERS	INTERMEDIATE SCHOOL TEACHERS	SECONDARY SCHOOL TEACHERS
Folk Dance	*Folk Dance (E-M-W)*	*Folk Dance (E-M-W)*
Classic Dance (E-M-W)	*Classic Dance (E-M-W)*	*Classic Dance (E-M-W)*
Camping (E-M-W)	*Educational Gymnastics*	*Educational Gymnastics*
Soccer (M)	*Apparatus (E-M-W)*	*Apparatus*
	Camping (E-M-W)	*Camping (E-M-W)*

CODE: M=men only; W=women only; E=elective; *Italics=1967 listing;* non-coded activity=required for both men and women.

(Continued)

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF		
PRIMARY SCHOOL TEACHERS	INTERMEDIATE SCHOOL TEACHERS	SECONDARY SCHOOL TEACHERS
	Soccer (M) *Athletics (track & field)* *Volleyball (W)* *Basketball (M)* *Swimming (M)*	*Soccer (M)* *Athletics (track & field)* *Volleyball (W)* *Basketball (M)* *Swimming (M)*

CODE: M=men only; W=women only; E=elective; *Italics=1967 listing;* non-coded activity=required for both men and women.

PROFESSIONAL TRAINING. *1967 - The course of study is the same for all levels (primary, intermediate, and secondary).* 1963 - General Language, Theory of Music, Introduction to Philosophy, General Psychology, Adolescent Psychology, Educational Psychology, General Hygiene, School Hygiene, Biology. Biochemistry, Human Anatomy, Biometry, Nutrition and Dietetics, First Aid, Introduction to Physical Education, Introduction to Games and Sports, History of Pedagogy, General Methodology, Organization and Administration of Physical Education, Gymnastics, and Recreation, Practice Teaching, Statistics, Theory of Gymnastics and the following activities: Apparatus, Camping, Basketball, Track and Field, Volleyball, Sports, Fencing, Boxing, Wrestling, Soccer.

1967 - The time required to become a teacher of physical education is the same as that of other disciplines such as mathematics, history, foreign language, etc.

CHANGES, DEVELOPMENT, AND PROGRESS IN THE PHYSICAL EDUCATION TEACHER TRAINING PROGRAM. *1967 - During the past three years in-service courses have been established and are held during the summer months to improve teacher competencies. Each institution has an autonomy in which it can determine the emphasis it wishes to place on the preparation of physical education teachers for the three educational levels.*

Philippines

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - Each institution has the responsibility for its own planning of the teacher training program for physical education teachers.* 1963 - The Department of Physical Education at the University of the Philippines and a committee of the Philippines Amateur Athletic Federation have the responsibility for planning teacher training programs.

TRAINING INSTITUTION		NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR		
					PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
FOR PHYSICAL EDUCATION TEACHERS ONLY	1963	1	4	High school graduate			
	1967	*1*	*4*	*17*			*x*
FOR TEACHERS OF ALL SUBJECTS INCLUDING PHYSICAL EDUCATION	1963	5	4-5	High school graduate			
	1967	*1*	*4*	*17*	*x*	*x*	
		6	*4*	*17*			*x*
UNIVERSITIES	1963	4	4-5	High school graduate			
	1967	*5*	*4*	*17*			*x*
OTHERS: *Philippines Normal College*	*1967*	*1*	*4*	*17*	*x*	*x*	

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. *1967 - Bachelor of Science in Elementary Teaching: 4 years of study, for the teacher of physical education at the primary and intermediate school levels. Bachelor of Science of Education: 4 years of study* or *Bachelor of Physical Education: 4 years of study, for the teacher of physical education at the secondary school level. Bachelor of Science of Education: 4 years of study, Bachelor of Physical Education: 4 years of study, or Master's Degree in Physical Education: 6 years of study, for the teacher of physical education at the universities.* 1963 - Certificate in Physical Education: 4 summers. Bachelor of Science in Education, major in Physical Education: 4 years. Bachelor, Physical Education: 4-5 years. Master's Degree in Education (Physical Education major) or a Master's in Physical Education: 1-2 years beyond the Bachelor's Degree.

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. *1967 - The following facilities are considered essential in the training of physical education teachers in the Philippines: gymnasiums, classrooms, play fields, swimming pools, dressing rooms, showers, laboratory facilities, wash rooms, athletic equipment, and light and heavy apparatus. However, there are not enough of these facilities provided at this time. There are no provisions made to conduct research in physical education in institutions where physical education teachers are trained. Physical education library resources are available to students in varying degrees among the institutions where physical education teachers train.*

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

	PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF	
PRIMARY SCHOOL TEACHERS	INTERMEDIATE SCHOOL TEACHERS	SECONDARY SCHOOL TEACHERS
Folk Dance* (E-M-W)	Folk Dance* (E-M-W)	Folk Dance* (E-M-W)
Native Folk Dance (E-M-W)	Native Folk Dance (E-W)*(E-M-W)*	Native Folk Dance (E-W)*(M-W)*
Rhythmic Dance (E-M-W)	Rhythmic Gymnastics*	Apparatus* (E-M-W)
Light Gymnastics (E-M-W)	Mat Work* (E-M-W)	Rhythmic Gymnastics* (E-M-W)
Camping (E-M-W)	Native Games* (E-M)	Mat Work* (E-M-W)
Hiking (E-M-W)	Basketball* (E-M)	Native Games* (E-M)
Soccer (E-M-W)	Softball* (E-W)	Basketball *(M) (E-W)*
Classical Dance (E-M-W)	Volleyball* (E-M-W)	Boxing*(E-M)
	Athletics (track & field)*(E-M-W)	Athletics (track & field)*(E-M-W)
	Swimming* (E-M-W)	Softball* (E-W)
	Tennis* (E-M-W)	Volleyball (E-M-W)*(W)*
	Baseball* (E-M)	Swimming (E-M-W) *(M-E-W)*
	Classical Dance (E-M-W)	Tennis* (E-M-W)
	Rhythmic Dance	Baseball (E-M)*(M)*
	Gymnastic Dance (E-M-W)	*Classical Dance (E-M-W)*
	Light Gymnastics	*Rhythmic Dance*
	Camping (E-M-W)	*Gymnastic Dance (E-M-W)*
	Hiking (E-M-W)	*Light Gymnastics*
	Soccer (E-M-W)	*Heavy Gymnastics (E-M-W)*
		Marching Tactics
		Camping (E-M-W); Hiking (E-M-W)
		Mountaineering (E-M-W)
		Soccer (E-M-W)

CODE: M=men only; W=women only; E=elective; *Italics=1967 listing;* non-Italics=1963 and 1967 listing; non-coded activity=required for both men and women; *=1963 listing only.

PROFESSIONAL TRAINING. *1967 - General courses in the training of physical education teachers at the University of the Philippines include: English, Mathematics, Spanish, Military Science, Philosophy History and Instruction, Introduction to Asian Civilization, Speech, Humanities, Natural Science, Western Thought, Education. Professional preparation courses include: Fundamentals of Physical Education, Gymnastics, Philippines Games, Aquatics, Team Sports, Track and Field, Individual Sports, Combative Sports, Sports Officiating, First Aid, Fundamental Rhythms, Folk Dance, Creative Dance, Recreational Activities, Anatomy and Kinesiology, Fundamentals of Human Physiology, History and Principles of Physical Education, Physiology of Exercise, Adapted Physical Education, Administration and Supervision of Physical Education, Community Recreation, Tests and Measurements, and Research.* 1963 - Fundamentals of Anatomy and Kinesiology, Fundamentals of Human Physiology and Physiology of Exercise, First Aid and Massage, History of Physical Education, Principles of Physical Education,

PHILIPPINES (Cont.)

Administration and Supervision of Physical Education, Test and Measurements, Research, Recreational Activities, Rhythmic Activities, Philippine Folk Dance and Folk Songs, Gymnastics, Intramural Sports, and Theory of Sports.

1967 - The time required to become a teacher of physical education is the same as that for other disciplines such as mathematics, history, foreign language, etc.

CHANGES, DEVELOPMENT, AND PROGRESS IN THE PHYSICAL EDUCATION TEACHER TRAINING PROGRAM. *1967 - During the past three years there have been no changes.*

Poland

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - The General Committee for Sport and Tourism and the Ministry of Education have the responsibility for the planning of teacher training programs for physical education teachers.*

TRAINING INSTITUTION		NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR		
					PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
FOR PHYSICAL EDUCATION TEACHERS ONLY	*1967*	*2*	*2*	*18-19*	*x*	*x*	
FOR TEACHERS OF ALL SUBJECTS INCLUDING PHYSICAL EDUCATION	*1967*	*18*	*2*	*18-19*	*x*	*x*	
OTHERS:	*1967*	*4*	*4*	*18-19*			*x*

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. *1967 - Diploma: 2 years of study, for the teacher of physical education at the primary, intermediate, and secondary school levels. Master of Physical Education: 4 years of study, for the teacher of physical education at the teacher training institution and other institutions.*

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. *1967 - The following facilities are considered essential in the training of physical education teachers in Poland: gymnasiums, sport halls, swimming pools, playing fields, athletic fields and tracks. Provisions to conduct research in phsyical education are made only in the four-year schools; there are available seminar rooms, laboratories, scholarly apparatus, and indispensable funds. Each school has its own library and periodical room. There are basic and supplementary books in Polish and foreign languages available to the students.*

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF		
PRIMARY SCHOOL TEACHERS	INTERMEDIATE SCHOOL TEACHERS	SECONDARY SCHOOL TEACHERS
Basic Gymnastics	*Folk Dance*	*Folk Dance*
Rehabilitation Gymnastics	*Regional Dance*	*Regional Dance*
Athletics (track & field)	*Foreign Folk Dance*	*Foreign Folk Dance*
Swimming	*Basic Gymnastics*	*Basic Gymnastics*
Volleyball; Basketball	*Rehabilitation Gymnastics*	*Rehabilitation Gymnastics*
Handball	*Artistic Gymnastics*	*Apparatus Gymnastics*
	Camping; Skiing	*Artistic Gymnastics*
	Skating; Sailing; Canoeing	*Camping; Skiing*
	Athletics (track & field)	*Skating; Sailing*

CODE: M=men only; W=women only; E=elective; *Italics=1967 listing;* non-coded activity=required for both men and women.

(Continued)

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF PRIMARY SCHOOL TEACHERS	INTERMEDIATE SCHOOL TEACHERS	SECONDARY SCHOOL TEACHERS
	Swimming; Volleyball *Basketball; Handball*	*Canoeing; Soccer (M); Basketball* *Volleyball; Handball* *Athletics (track & field)* *Swimming; Wrestling (E-M)* *Fencing (E-M-W)* *Boxing (E-M); Judo (E-M)* *Weight Lifting (E-M)*

CODE: M=men only; W=women only; E=elective; *Italics=1967 listing;* non-coded activity=required for both men and women.

PROFESSIONAL TRAINING. *1967 - Two years of study is required for teachers of physical education at the primary and intermediate school levels. There are also vacation supplementary courses given. Four years of study is required for teachers of physical education at the secondary school level.*

1967 - The time required to become a teacher of physical education is one year less than that for other disciplines such as mathematics, history, foreign language, etc.

Romania

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - The Ministry of Education has the responsibility for the planning of teacher training programs for physical education teachers.*

TRAINING INSTITUTION		NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
OTHERS:							
Faculties for Physical Education	*1967*	*6*	*3*	*18-25*	*x*	*x*	
Institute for Physical Education		*1*	*4*	*18-25*	*x*	*x*	*x*

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. *1967 - Physical Education Diploma for the General School (classes I-VIII): 3 years of study at the Faculty for Physical Education. Teacher of Physical Education Diploma (for all education levels): 4 years of study at the Institute for Physical Education.*

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. *1967 - The following facilities are considered essential in the training of physical education teachers in Romania: specially arranged halls for all sporting branches, lecture halls, laboratories, halls for projections, chalets at the seaside and in the mountains, dressing rooms, bathrooms, showers, dining halls, consultation rooms, etc. Those that are presently provided are adequate. The research activity in the field of physical education has constituted, for some time, an important concern of both the teaching staff and the students who are training to become physical education teachers. New themes have been undertaken on the experimentation and new physical education methodics as well as training for sport performance. The research activity is closely linked to the medical and pedagogic sciences as well as to other sciences. The students develop their research within the students' scientific circles organized on sport branches or on groups of sport branches. Here the students get experience necessary for carrying on research independently after graduation from the institution. The research themes are established according to the level of schooling as well as to the students' interest for a certain sporting branch. The* *libraries contain a collection of specialized materials (80,000 volumes) consisting of works, textbooks, courses of lectures, albums, etc. by Romanian authors as well as works by foreign authors. The libraries are permanently at the disposal of the students who benefit by the assistance of competent translators.*

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF PRIMARY SCHOOL TEACHERS AND INTERMEDIATE SCHOOL TEACHERS AND SECONDARY SCHOOL TEACHERS

The syllabus contains the majority of sport branches which contribute to the many-sided development of youth and are spread widely among the people. Each sport branch for which a course is offered represents one of the basic forms of teaching.

Wrestling (M); Judo (M);
Boxing (M); Soccer (M); Skiing;
Artistic Gymnastics; Basketball;
Athletics (track & field);
Swimming; Handball; Volleyball;
Canoeing; Rugby (M); Tennis;
Marksmanship; Fencing; Ice Hockey;
Cycling; Folk Dance

CODE: M=men only; *Italics=1967 listing;* non-coded activity=required for both men and women.

PROFESSIONAL TRAINING. *1967 - Besides the sport branches, the syllabus contains a number of auxiliary courses such as Pedagogy, Psychology, Anatomy, Physiology, Biomechanics, Theory and Methodology of Physical Education, Medicine of Physical Culture, Hygiene, Organization of Physical Education, Sports Psychology, Physiology of Exercise, Dialect and Historical Material, History of Physical Education, General Methods of Games, Practical Pedagogy, Medical Assistance and Control, Social Science, Cinematography, Applied Sports, Physical Fitness, Kinesiology, Tourism, Practice Teaching, and Sociology of Physical Education. The role of these courses is to complete and outline most precisely the profile and the many-sidedness of the future teachers of physical education. During the period of study, the students have to pass special examinations and conduct classes at different levels.*

1967 - The time required to become a teacher of physical education is not the same as that for other disciplines such as mathematics, history, foreign language, etc.

CHANGES, DEVELOPMENT, AND PROGRESS IN THE PHYSICAL EDUCATION TEACHER TRAINING PROGRAM. *1967 - Within the past three years, improvements of the programs for training physical education teachers have been made depending on the requirements of practice as well as on the progress permanently made in the field of physical education and performance sports.*

Senegal

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - Advisers and the Ministry of Youth and Sports are responsible for the planning of teacher training programs for physical education teachers.* 1963 - The same as for 1967.

TRAINING INSTITUTION		NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR		
					PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
FOR PHYSICAL EDUCATION TEACHERS ONLY	*1967*	*1*	*2*	*19*	*x*		

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. *1967 - Primary Teacher Certificate (includes primary studies plus teachers' college): 10 years of study, for the teacher of physical education at the primary school level. Deputy Teacher - BEPC (first part of diploma): 4 years of study at the secondary level plus 1 year diploma or certificate of course attendance, for the teacher of physical education at the intermediate school level. BEPC (first and second parts): 4 years of secondary plus 2 year diploma, for the teacher of physical education at the secondary school level. Baccalaureate: 8 years of secondary study and 7 years teaching, for the teacher of physical education at the teacher training institution.* 1963 - Physical Education Teacher Diploma (first part): 1 year. Physical Education Teacher Diploma (second part): 1 year.

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. *1967 - The following facilities are considered essential in the training of physical education teachers in Senegal: physical education center with a gymnasium, playing fields, swimming pools, libraries, conference and projection rooms, and audio-visual materials. However, there is a lack in all of these. A center exists in Thies but its modernization and transformation would be necessary. No provisions have been made to conduct research in physical education in institutions where physical education teachers are trained. The creation of a physical education center would be useful at the medical school. There are no library resources available at the present.*

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

	PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF	
PRIMARY SCHOOL TEACHERS	INTERMEDIATE SCHOOL TEACHERS	SECONDARY SCHOOL TEACHERS
Folk Dance (E-M-W)	*Rhythmic Gymnastics (E-M-W)*	Apparatus (E-M-W) *(M-W)*
Outdoor Activities	*Apparatus (E-M-W)*	Rhythmic Gymnastics (E-W) *(W required; M elective)*
All Sports (E-M-W)	*Gymnastics (E-M-W)*	Outdoor Activities
Boy Scouting (E-M)	*Track and Field (E-M-W)*	All Sports (E-M-W)
Track and Field (E-M-W)	*Swimming (E-M-W)*	*Gymnastics*
Swimming (E-M-W)		*Boy Scouting (E-M)*
		Track and Field (E-M-W)
		Swimming (E-M-W)

CODE: M=men only; W=women only; E=elective; *Italics=1967 listing;* non-Italics=1963 and 1967 listing; non-coded activity=required for both men and women,

PROFESSIONAL TRAINING. *1967 - Compulsory courses for the primary teacher include: Pedagogics, Anatomy, and Physiology. The training program for the teacher of physical education at the intermediate and secondary school levels includes a more detailed program.* 1963 - Courses included in the professional training of physical education teachers are Sport and Physical Education, Anatomy, Physiology, and Psychopedagogy.

1967 - The time required to become a teacher of physical education is the same as that for other disciplines such as mathematics, history, foreign language, etc.

CHANGES, DEVELOPMENT, AND PROGRESS IN THE PHYSICAL EDUCATION TEACHER TRAINING PROGRAM. *1967 - During the past three years there has been a more and more thorough study of programs (pedagogics, anatomy, physiology as applied to various sports; influence of physical education on physiology, morphology, psychology) conducted.*

South Africa

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - The universities and teacher training colleges have the responsibility for planning the teacher training programs for physical education teachers.* 1963 - Responsibility for planning teacher training programs for physical education teachers varies - university staff members plan their own courses; in two provinces education department inspectors, organizers, and supervisors plan the courses for teachers colleges; in other provinces lecturers plan the program and the inspectors and organizers only moderate.

TRAINING INSTITUTION		NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR		
					PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
FOR TEACHERS OF ALL SUBJECTS INCLUDING PHYSICAL EDUCATION	1963	9	1 concen trated or 3-4 spread	17-18	x		x
	1967	*14*	*1 concen-trated or 3-4 spread*	*17-18*	*x*	*x*	*x*
UNIVERSITIES	1963	5 (out of 8)	3+1 for a diploma	17-18	x	x	x
	1967	*5*	*3-4*	*17-18*	*x*		*x*

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. *1967 - Special Diploma in Physical Education: 1 year of study or spread over 2-3 years, for the teacher of physical education at the primary school and intermediate school levels. B.A. or B.S. plus Teacher's Diploma: 4 years of study, for the teacher of physical education at the secondary school level and at universities.* 1963 - Primary Teacher's Certificate with specialization in physical education (2 years and 1 year for specialization). Physical Education Diploma (primary and secondary): 2 or 3 years including other academic subjects. B.A. or B.S. degree with physical education as one of the majors: 4 years including secondary teachers diploma. B. Hon. degree in Physical Education: 1 year. Master's Degree in Physical Education: 1 year. Doctor's Degree in Physical Education: approximately 3 or more years.

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. *1967 - The following facilities are considered essential in the training of physical education teachers in South Africa: fully equipped gymnasiums, swimming pools, and sports fields. Those that are provided are adequate. Provisions have been made to conduct research in physical education but not at a very high level. There are adequate library resources available for the students' use.*

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF		
PRIMARY SCHOOL TEACHERS	INTERMEDIATE SCHOOL TEACHERS	SECONDARY SCHOOL TEACHERS
Folk Dance* (W)	Folk Dance* (W)	Folk Dance* (W)
Modern Education Dance (W)	Modern Educational Dance (W)	Modern Educational Dance (W)
Apparatus (M)	Apparatus; Archery*	Apparatus; Archery*
Rhythmics (W)	Rhythmics (W); Golf*	Rhythmics (W); Golf*
Free Standing Exercise* (M)	Free Standing Exercise* (M)	Free Standing Exercise* (M)
Agilities*	Agilities*; Badminton*	Agilities*; Badminton*
Camping and Mountaineering*	Camping and Mountaineering*	Camping and Mountaineering*
Basketball	Basketball	Basketball
Netball (W); Rugby (M)	Netball (W); Rugby (M)	Netball (W); Rugby (M)
Boxing (M); Tennis	Boxing (M); Tennis	Boxing (M); Tennis
Wrestling (M); Hockey	Wrestling (M); Hockey	Wrestling (M); Hockey
Athletics (track & field)	Athletics (track & field)	Athletics (track & field)
Swimming; Cricket (M)	Swimming; Cricket (M)	Swimming; Cricket (M)

CODE: M=men only; W=women only; non-Italics=1963 and 1967 listing; non-coded activity=required for both men and women; *=1963 listing only.

PROFESSIONAL TRAINING. *1967 - Compulsory courses in the training of the primary school physical education teacher include: Physiology and Anatomy, Applied Physiology, History and Philosophy of Physical Education, Hygiene, Organization and Administration of Sport. Electives include: general school subjects in the arts and sciences. The compulsory and elective courses for the intermediate and secondary school physical education teacher are the same as above but are on a higher level.* 1963 - (a) University Courses: These are mainly for preparation of intermediate and secondary school teachers. Theoretical requirements are: Anatomy, Physiology, Applied Physiology, Health, Kinesiology, Remedial Gymnastic Theory, Tests and Measurements, Elementary Statistics, History and Trends, Principles of Physical Education, Organization and Administration. General teaching methods are used for physical education. Special methods are used for courses such as Dance and Coaching Methods. Training includes Practice Teaching, Coaching of Games, including Umpiring, and Organizing Tournaments. B.A. or B.S. courses are offered for school use. (b) Teachers Colleges: These are controlled by provincial educational departments. Courses provided: Elementary Anatomy (including Kinesiology), Physiology-Health, Principles, History, Organization and Methods courses. More practice teaching than at universities.

1967 - The time required to become a teacher of physical education is the same as that for other disciplines such as mathematics, history, foreign language, etc.

CHANGES, DEVELOPMENT, AND PROGRESS IN THE PHYSICAL EDUCATION TEACHER TRAINING PROGRAM. *1967 - During the past three years no major changes have taken place.*

Spain*

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - The Women's Section of the Women's Teachers' Office has the responsibility for planning teacher training programs for women physical education teachers.* 1963 - The same as for 1967.

TRAINING INSTITUTION		NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR		
					PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
FOR PHYSICAL EDUCATION TEACHERS ONLY	1963	12 regional	3 months	16	x		
		2 national	3 years	16	x	x	x
	1967	*12 regional*	*3 months & 1 year practice*	*16*	*x*		
		1 national	*3 years & 1 year practice*	*16*		*x*	*x*
FOR TEACHERS OF ALL SUBJECTS INCLUDING PHYSICAL EDUCATION	1963	84	3 years	15	x		
	1967	*84*	*3 years*	*15*	*x*		
OTHERS: *Institutions that train physical education instructors with training also in Music & Civics*	*1967*	*2 national*	*3 years*	*15*	*x*		

* Data supplied on women's program only in 1963 and 1967.

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. *1967 - Elementary Instructor of Physical Education: 3 months study and 1 year of practice; Primary School Teacher: 3 years of study and 1 month practice; General Instructor: 3 years of study and 1 summer of practice, for the teacher of physical education at the primary school level. Physical Education Professor: 3 years of study and one month summer practice, for the teacher of physical education at the secondary school level. Professor in a specialized field: required time of study varies, for the teacher of physical education at the teacher training institutions. Trainer in some special sport: required time of study varies, for the teacher of physical education at the universities.* 1963 - Instructor in Physical Education: 3 months as intern and 1 year of practice. Primary School Teacher: 3 years and 1 month as intern and 1 summer of practice. General Instructor: 3 years as intern and 1 summer of practice. Professor, Physical Education: 3 years as intern and 1 summer of practice. Special teacher: variable.

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. *1967 - The following facilities are considered essential in the training of phsyical education teachers in Spain: gymnasiums, indoor swimming pools, indoor courts, track fields, stadiums, locker rooms, showers, etc. In the Julio Ruiz de Alda Superior School, where female physical education professors are trained, good facilities do exist. The professional schools where physical education teachers are trained, are poorly installed and nearly all types of facilities are needed. Provisions have been made to conduct research in physical education in institutions where physical education teachers are trained. A Cabinet for Studies and a Documentation Center have been established in the Superior School for Physical Education Professors. Specific physical education libraries are few, but the few that there are have resources for the students' use. There are libraries of this nature in the Superior School for Physical Education Professors, the Cabinet of Studies and Documentation Center, and the National Institute of Physical Education.*

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PRIMARY SCHOOL TEACHERS	INTERMEDIATE AND SECONDARY SCHOOL TEACHERS
Folk Dance (W); Rhythmic Dance (W)	Classic Dance* (W); Folk Dance (W)
Educational Gymnastics (W); Apparatus (W)	Rhythmic Dance (W); Educational Gymnastics (W)
Rhythmic Gymnastics (W); Camping* (W)	Apparatus (W); Rhythmic Gymnastics (W); Camping (W)
Games (W); Ability Test* (W); Volleyball (W)	Games (W); Ability Tests* (W); Volleyball (W)
Basketball (W); Handball (W); Swimming (W)	Basketball (W); Handball (W); Swimming (W)
First Aid* (W)	First Aid (W); *Excursions (W); Track & Field (W)*
Fitness Tests (W)	*Skiing (W); Fitness Tests (W)*

CODE: W=women only; *Italics=1967 listing;* non-Italics=1963 and 1967 listing; *=1963 listing only.

PROFESSIONAL TRAINING. *1967 - Training for the primary school physical education teacher includes a 3-9 month general ability training course. Training for the intermediate school physical education teacher includes 3 courses on physical education teacher studies and student teaching. Training for the secondary school physical education teacher includes 3 courses on physical education teacher studies, student teaching, and a thesis which can be on any specific physical education theme.*
1963 - (a) Instructor: 3-month course and 1 year of practice. (b) Primary school teacher: 3 courses of 9 months for general training (including physical education) and one special physical education course, lasting 1 month, in the summer of the second year. (c) General instructor: 3 courses, simultaneously with teachers' training and practice during the summer of the third year. (d) Professor of Physical Education: 3 courses of 9 months each, one summer of practice during second year. Must pass special examination and write a thesis on a physical education subject.

1967 - The time required to become a teacher of physical education is the same as that for other disciplines such as mathematics, history, foreign language, etc. which are studied at the professional schools, the normal schools, or business schools. The time required is 3-4 years. The studies at the Superior School last from 5-6 years.

CHANGES, DEVELOPMENT, AND PROGRESS IN THE PHYSICAL EDUCATION TEACHER TRAINING PROGRAM. *1967 - During the last three years there have been no significant changes made involving the primary school physical education teacher. In the Superior School for Physical Education Professors the studies in music and outdoor practice have been intensified. Track and field, first aid, and the study of a language have also been included in the program as well as the introduction of research themes.*

Sudan

1967 - In the Sudan, it is to be noted that a suggested plan for the preparation of teachers of physical education has been proposed to the Ministry of Education. The proposal includes a professional training program that would qualify physical education teachers to teach at all school levels. The classroom teachers in primary schools teach the classes in physical education. Included in this teacher training program are courses in the theory of physical education and such activities as basketball, soccer, volleyball, rhythmics, and camping. The teaching of physical education in the intermediate schools is but a part-time position. These teachers have similar training in physical education as those in the primary schools.

Sweden

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - The Board of Administrators and the Masters meeting of the Physical Education Colleges have the responsibility for the planning of teacher training programs for physical education teachers.* 1963 - The Royal Central Gymnastic Institute, in cooperation with the Board of Education, has the responsibility for planning teacher training programs.

TRAINING INSTITUTION		NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR		
					PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
FOR PHYSICAL EDUCATION TEACHERS ONLY	1963	1	2	21 Women-20	x	x	x
	1967	*2*	*2*	*20-23*		*x*	*x*
FOR TEACHERS OF ALL SUBJECTS INCLUDING PHYSICAL EDUCATION	1963	20	2	21 Women-20	x	x(13)	
	1967	*9*	*2-3*	*19-21*	*x*		
	1967	*15*	*2-3*	*19-23*		*x*	
UNIVERSITIES	1963	5					
	1967	*6**	*4-5*	*20-23*			*x*

* *The teachers for secondary schools are trained at the universities. They have no professional training in physical education.*

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. *1967 - Teacher of Physical Education: 2-3 years of study, for the teacher of physical education at the primary, intermediate, and secondary school levels, teacher training institutions, and universities.* 1963 - Teacher: 2 years.

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. *1967 - The following facilities are considered essential in the training of physical education teachers in Sweden: gymnasiums, outdoor fields, indoor swimming pools, skating rinks, ice hockey rinks, country for skiing and orienteering, dressing rooms, showers, lesson rooms, and laboratories. These facilities are adequate in the present situation. Provisions are made to conduct research in physical education in institutions where physical education teachers are trained. At the College of Physical Education in Stockholm there are departments of physiology, anatomy, and psychology. The library at the College of Physical Education (former GCI) has about 15,000 books available for the students' use.*

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF		
PRIMARY SCHOOL TEACHERS	INTERMEDIATE SCHOOL TEACHERS	SECONDARY SCHOOL TEACHERS
Folk Dance	Folk Dance	Folk Dance (E-M-W) *(M-W)*
Apparatus; Rhythmic Gymnastics	Apparatus; Rhythmic Gymnastics	Apparatus; Rhythmic Gymnastics
Mountaineering* (E-M-W)	Mountaineering (E-M-W) *(M-W)*	Mountaineering (E-M-W)*(M-W)*
Basketball; Games*	Basketball; Games	Basketball; Games
Athletics (track & field)	Athletics (track & field)*	Athletics (track & field)*
Skating; Swimming	Skating*(W)	Skating(W)*(M-W)*
Modern Dance	Ice Hockey (M) *(E-W)*	Ice Hockey (M) *(E-W)*
Winter Sports; Skiing	Swimming	Swimming; Skiing
Orienteering	*Modern Dance; Jazz Techniques (W)*	*Modern Dance;*
Handball; Volleyball	*Camping; Winter Sports*	*Camping; Winter Sports*
	Skiing; Orienteering	*Orienteering; Soccer (M) (E-W)*
	Soccer (M) (E-W)	*Handball; Jazz Techniques (W)*
	Handball; Bandy; Volleyball	*Bandy; Volleyball*

CODE: M=men only; W=women only; E=elective; *Italics=1967 listing;* non-Italics=1963 and 1967 listing; non-coded activity=required for both men and women; *=1963 listing only.

PROFESSIONAL TRAINING. *1967 - Compulsory courses in the training of the classroom teacher of physical education at the primary and intermediate school levels include: Short Course in Physiology and Anatomy, Psychology and Education, Theory of Sport, Theory of Gymnastics, Methods and Practice of Sport and Gymnastics. Compulsory courses in the training of physical education teachers at the intermediate school level and secondary school level include: Anatomy and Kinesiology (125 hours), Physiology (175 hours), Psychology and Education (175 hours), History of Physical Education (25 hours), First Aid (15 hours), Hygiene (32 hours), Gymnastic Theory and Practice (600 hours), Sport Theory and Practice (850 hours), and Practice Teaching (250 hours).* 1963 - Royal Central Gymnastic Institute: Theory-Anatomy, Physiology, Psychology and Education, Hygiene, General Theory and Physical Exercise, History of Physical Education, First Aid and Sports Injury, Voice Training. Methodics and Practice of Gymnastics and Athletics and Practice Teaching are also included.

1967 - The time required to become a teacher of physical education in the secondary schools is two years. For other disciplines at this level it is four years. From 1967 it is possible to combine physical education and another subject, for instance biology.

CHANGES, DEVELOPMENT, AND PROGRESS IN THE PHYSICAL EDUCATION TEACHER TRAINING PROGRAM. *1967 - Formerly all the classroom teachers had to study physical education as a compulsory course. Now a student at a teachers' training college has the choice of physical education or music. If he chooses physical education he gets a higher course (210 hours) in this subject, but only an elementary course in music of 60 hours. At the Colleges of Physical Education it is now possible to work with groups of various sizes because of an increase in the amount of teachers at the Colleges.*

Switzerland

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - The Swiss Military Department has the responsibility for issuing the examination decree. The universities of Basel, Geneva, Lausanne, and the Federal Polytechnical School in Zurich, which are conducting these courses, are bound to adapt their training programs to this decree.* 1963 - Same as for 1967.

SWITZERLAND (Cont.)

TRAINING INSTITUTION		NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
FOR TEACHERS OF ALL SUBJECTS INCLUDING PHYSICAL EDUCATION	1963	48	4-5	16	x	x	x
	1967	*48*	*4-5*	*16*	*x*	*x*	*x*
UNIVERSITIES	1963	4	1-2	20-25			
	1967	*4*	*2-3*	*19-25*	*x*	*x*	*x*
OTHERS:							
Federal School of Gymnastics & Sports, Magglingen: course of studies for sports instructors	1963	1	2	18-40			
	1967	*1*	*2*	*18-40*			

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. *1967 - Public School Teacher: 4-5 years of study at teacher training college, for the teacher of physical education at the primary and intermediate school levels (there is no professional physical education teacher at these levels). The Public School Teacher certificate may also apply to the secondary school level. Diploma I (professional physical education teacher): 2 years of study, for the teacher of physical education at the secondary school level. Diploma II: 3 years of study; Diploma I: 2 years of study, for the teacher of physical education at the teacher training institution and at the universities. There is also a Teacher of Sports Diploma given by the Federal School of Gymnastics and Sports, Magglingen, however it does not qualify the holder to teach in the public schools.* 1963 - Public School Teacher (all subjects): 4-5 years at teacher training college. Diploma I for Physical Education Teacher: 1 year of supplementary study at the university. Diploma II: 2 years of supplementary study at the university is the minimum.

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. *1967 - The following facilities are considered essential in the training of physical education teachers in Switzerland: dressing rooms, showers, gymnasiums, outdoor fields, swimming pools, skating rinks, fencing rooms, tennis courts, natural outdoor areas for skiing and climbing. These above facilities are adequate at present. At the Polytechnical School in Zurich, there is the research establishment for biomechanics, which is the only one in Switzerland since 1960. A physiological institute will be opened at Magglingen this year. Library resources are available for the students' use. The best known libraries are the University of Basel (includes well known sports museum), the Federal School of Magglingen, which is the largest, and the Polytechnic ETH in Zurich.*

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF PRIMARY SCHOOL TEACHERS	INTERMEDIATE SCHOOL TEACHERS	SECONDARY SCHOOL TEACHERS
Apparatus	Apparatus; Rhythmics	Classic Dance* (E-M)
Rhythmics	Floor Gymnastics*	Folk Dance (W) (E-M)
Floor Gymnastics*	Athletics (track and field)	Apparatus; Rhythmics
Various Games	*Singing Games;* Various Games	Floor Gymnastics*
Singing Games; Basic Exercises	*Basic Exercises*	Camping; Cross Country*
Skiing, Skating	*Skiing, Skating*	Skiing; Swimming; Skating
Swimming; Basketball	*Swimming; Basketball*	Soccer (M); Basketball
Orientation Courses	*Orientation Courses*	Handball *(M);* Boxing* (M)
Volleyball; Soccer (M)	*Volleyball; Soccer (M)*	Athletics (track & field)
Tennis (E-M-W)	*Tennis (E-M-W)*	Various Games; Fencing (E-M-W)
Fencing (E-M-W)	*Fencing (E-M-W)*	Tennis (E-M-W)
Athletics (track & field)		*Singing Games; Basic Exercises*
		Mountaineering
		Orientation Courses

CODE: M=men only; W=women only; E=elective; *Italics=1967 listing;* non-Italics=1963 and 1967 listing; non-coded activity=required for both men and women; *=1963 listing only.

SWITZERLAND (Cont.)

PROFESSIONAL TRAINING. *1967 - Training courses for physical education teachers are provided at the Federal Polytechnical School in Zurich, where two diplomas can be obtained. Diploma I: 4 semesters of special studies after having acquired the diploma of a primary school teacher or the maturity certificate of a grammar school. This diploma qualifies one for teaching in primary, intermediate, and undergrade secondary schools. Diploma II: 6 semesters of special studies. This diploma qualifies one for teaching in grammar schools, teacher training colleges and universities. Since 1965 a cantonal Diploma II can also be obtained at the University of Basel.* 1963 - Training courses for physical education teachers are provided at the Federal Polytechnical School in Zurich, where two diplomas can be obtained. Diploma I: 1 year of supplementary studies after having acquired the diploma of a primary school teacher or the maturity certificate of a grammar school teacher. This diploma qualifies for teaching in primary, intermediate, and undergrade secondary schools. Diploma II: 2 years of supplementary studies. This diploma qualifies for teaching in grammar schools, teacher training colleges, and universities.

1967 - The time required to become a teacher of physical education is generally one or two years less according to the degree than that for other disciplines such as mathematics, history, foreign language, etc. At the secondary level, the time is the same (6 semesters).

CHANGES, DEVELOPMENT, AND PROGRESS IN THE PHYSICAL EDUCATION TEACHER TRAINING PROGRAM. *1967 - During the past three years, there has been a change made in the introduction courses for a new manual for girls. Professional teacher training studies have been increased; Diploma I - 2 to 4 semesters and Diploma II - 4 to 6 semesters.*

Syria

1967 - At present there is a plan to establish an institute in Damascus for the training of physical education teachers. However, the study is not yet started. The period of training will be two years after the secondary school examination. Graduates from this training will be qualified to teach physical education at the preparatory and secondary schools. The plan of study in this institute is not definite.

Thailand

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - The Department of Physical Education in the Ministry of Education has the responsibility for the planning of teacher training programs for physical education teachers.* 1963 - The Physical Education Department is the government agency responsible for planning teacher training programs.

TRAINING INSTITUTION		NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR		
					PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
FOR PHYSICAL EDUCATION TEACHERS ONLY	1963	2	2	15-22	x	x	
				17+			x
	1967	*1*	*2*	*16*	*x*	*x*	
		1	*2*	*17*			*x*
		1	*4*	*18*			*x*
UNIVERSITIES	1963	1	4	17+	x	x	x
	1967	*1*	*4*	*18*			*x*

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. *1967 - Teacher's Certificate: 2 years of study, for the teacher of physical education at the primary, intermediate, and secondary school levels and the teacher training institutions. B.Ed. with a major in Physical Education: 4 years of study, for the physical education teacher in the universities. Certificate of Achievement: 1/4, 1/2, 3/4, or 1 year of study, for those attending temporary training courses.* 1963 - Physical Education Teacher's Certificate for Elementary School: 2 years. Physical Education Teacher's Certificate for Secondary School: 2 years. B.Ed. Degree (Major in Physical Education): 4 years.

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. *1967 - The following facilities are considered essential in the training of physical education teachers in Thailand: 3 gymnasiums, 5 fields, 10 tennis courts, 1 Olympic size swimming pool, 2 outdoor basketball courts, 1 Olympic size 400m. track, 4 classroom buildings and 2 libraries, and 1 student dining hall. The activity facilities are adequate, but better classroom facilities and a larger library collection are needed. There are also inadequate shower and dressing facilities. A research program is in the planning stage and will be implemented late in 1967. This is to be a cooperative program with the Ministry of Health and will be directed by a medical doctor. Equipment has been ordered. Library resources are available to students, however, many more professional books in health education, physical education, and recreation are needed.*

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF		
PRIMARY SCHOOL TEACHERS	INTERMEDIATE SCHOOL TEACHERS	SECONDARY SCHOOL TEACHERS
Classic Dance (W) (E-M) *(M-W)*	Classic Dance (W) (E-M) *(M-W)*	Classic Dance
Folk Dance	Folk Dance	Folk Dance; Ballroom Dance*
Apparatus *(E-M-W)*	Apparatus	Apparatus *(M) (E-W)*
Rhythmic Gymnastics*	Rhythmic Gymnastics*	Rhythmic Gymnastics*
Tumbling; Camping; Basketball	Tumbling; Camping; Basketball	Tumbling; Camping; Basketball
Boxing (M) *(E-M)*	Boxing (M) *(E-M)*	Boxing (M); Soccer (M);
Soccer (M); Volleyball	Soccer (M); Swimming; Badminton	Rugby (M); Volleyball;
Athletics (track & field)	Athletics (track & field)	Athletics (track & field)
Softball*; Swimming; Badminton	Volleyball; Softball*	Softball*; Swimming; Badminton
Social Dance (E-M-W)	*Social Dance (E-M-W)*	*Social Dance*
National Dance	*National Dance*	*National Dance*
Takraw (M);	*Takraw (M)*	*Takraw (M)*
Rugby Football (E-M)	*Rugby Football (E-M)*	*Tennis; Judo*
Sword & Pole Fighting	*Sword & Pole Fighting*	*Sword & Pole Fighting*

CODE: M=men only; W=women only; E=elective; *Italics=1967 listing;* non-Italics=1963 and 1967 listing; non-coded activity=required for both men and women; *=1963 listing only.

PROFESSIONAL TRAINING. *1967 - Compulsory courses for the teacher of physical education at the primary and intermediate school levels include: General Education-58 credits, Professional Courses-68 credits, Education and Psychology-14 credits. Those for the secondary school teacher include: General Education-30 credits, Professional Courses according to the certificate required-80 credits, Education and Psychology-15 credits. One credit is equal to one hour in academic instruction per week for twelve weeks. One activity credit is equal to 1 1/2 - 2 hours of participation per week for twelve weeks. These activities are included in the Physical Education Teacher Training Curriculum section of the questionnaire. There are three twelve week terms in one academic year.* 1963 - General Psychology and Educational Psychology, Child Development and Adolescent Psychology, Introduction to Health Education, Physiological Anatomy and Kinesiology, Biology, Personal Hygiene, Community Hygiene and Nutrition, School Health Program, First Aid, Safety Education and Care and Prevention of Athletic Injuries, History, Principles and Methods of Physical Education, Methods of Organizing Competition, Teaching Physical Education in the Secondary School, Tests and Measurements in Physical Education, Body Conditioning, Definition, Scope, and History of Recreation, Recreation Administration and Youth Serving Agencies, Body Conditioning, Practice Teaching.

1967 - The time required to become a teacher of physical education at the College of Physical Education is two years of training and no teaching minor. At Chulalongkorn University, four years of training including a teaching minor are required. Four years are also required for teachers of other disciplines such as mathematics, history, foreign language, etc.

CHANGES, DEVELOPMENT, AND PROGRESS IN THE PHYSICAL EDUCATION TEACHER TRAINING PROGRAM. *1967 - There have been no significant changes in the past three years. Five major proposals are now under study for the school year, 1967-68. These include: 1) An experimental comprehensive secondary school curriculum involving physical education six days a week; 2) A study is now underway involving the possible re-organization of the autonomous Department of Physical Education into the Teacher Training Department; 3) A seminar for curriculum revision on a 5-year basis is scheduled for February, 1967; 4) A major project is underway to test 22,000 Thai youth with the AAHPER (American Association for Health, Physical Education, and Recreation) Physical Fitness Battery in order to establish Physical Fitness Norms for Thailand; and 5) An area has been provided for the establishment of a research laboratory to be opened late in 1967.*

Trinidad and Tobago

1967 - There have been no significant changes in program for the training of teachers of physical education during the last three years. At the Teachers Training Colleges there are lectures and practical session during the two year-general teacher training course. Teachers after completing this two year course are sent overseas to receive special training. For the one year diploma course, they are usually sent to the United Kingdom, however in 1966, two were sent to Canada to take their degree courses. At the present there is also one teacher with an American degree and is lecturing at one of the Teachers Training Colleges.

Turkey

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - The Ministry of Education has the responsibility for the planning of teacher training programs for physical education teachers.* 1963 - Same as for 1967.

TRAINING INSTITUTION		NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR		
					PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
FOR PHYSICAL EDUCATION TEACHERS ONLY	1963	1	3	18-23			x
	1967		*3*	*18*	*x*	*x*	*x*
FOR TEACHERS OF ALL SUBJECTS INCLUDING PHYSICAL EDUCATION	1963	7	3	High school graduates			x
	1963	53	6	15	x	x	

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. *1967 - Certificate for teaching physical education at the intermediate and secondary school levels and teacher training institutions requires 3 years of study.* 1963 - Certificate for teaching physical education in secondary schools: 3 years.

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. *1967 - Facilities which have been provided for the training of physical education teachers are considered inadequate at the present. There have been no provisions made to conduct research in physical education in institutions where physical education teachers are trained. The Institute Library contains books on phsyical education which are available for the students' use.*

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF SECONDARY SCHOOL TEACHERS**

Folk Dance (E-M-W); Apparatus*; Rhythmic Gymnastics* (W); Educative Group Games; Camping*; Skiing*; Swimming*; Basketball*; Soccer*(M); Athletics (track & field); Volleyball; *Scouting; Table Tennis*

**1963 - Physical Education teachers are trained in Teachers' Colleges in Turkey. There is no special program for elementary school teachers. Physical education is taught by classroom teachers in the elementary schools.

CODE: M=men only; W=women only; *Italics=1967 listing;* non-Italics=1963 and 1967 listing; non-coded activity=required for both men and women; *=1963 listing only.

PROFESSIONAL TRAINING. *Compulsory courses in the training of the secondary school physical education teacher include: Gymnastics, Games, Sports and Athletics, Methods of Education, Anatomy and Physiology, Hygiene and First Aid, Scouting and Regulations, Music and Folk Dancing, Foreign Language (English, French, or German), History of Turkish Revolution, Psychology, Educational Psychology, Child Psychology, History of Physical Education, and Skiing.* 1963 - Theoretical courses include: Anatomy, Physiology, Theories in Gymnastics, Foundation of Gymnastic Exercise, Sports Technique, History of Physical Education, Pathology, First Aid, Medical (corrective) Gymnastics, Massage, Courses in Education, and Practice Teaching.

1967 - The time required to become a teacher of physical education is three years, whereas for the other disciplines such as mathematics, history, foreign language, it is four years.

CHANGES, DEVELOPMENT, AND PROGRESS IN THE PHYSICAL EDUCATION TEACHER TRAINING PROGRAM. *1967 - During the past three years no significant changes have been made.*

Uganda

1967 - Physical education in Uganda is in the developing stages and its inclusion and importance in the educational system of the country has made steady progress during the past few years. Greater emphasis is now to be placed on this special educational field as the Government has recently created the post of Inspector of Physical Education. The post is being established within the Ministry of Education. Through the potential leadership of this position, the future of physical education throughout the country appears particularly bright to favorably effect the strengthening and improving of programs for boys and girls.

United Arab Republic

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - A joint committee of selected personnel representing the Institutes of Physical Education and the Ministry of Higher Education has the responsibility for planning the teacher training programs for physical education teachers.* 1963 - Same as 1967.

TRAINING INSTITUTION		NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR		
					PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
FOR PHYSICAL EDUCATION TEACHERS ONLY	1963	4 (2M, 2W)	4	17-21			x
	1967	*4 (2M, 2W)*	*4*	*17-23*		*x*	*x*
FOR TEACHERS OF ALL SUBJECTS INCLUDING PHYSICAL EDUCATION	1963	3 (1M, 2W)	3	16-19			
UNIVERSITIES	1963	1					x
	1967 -	*expected to start university studies in physical education next year*					
TEACHERS COLLEGES	1963	71				28M 28W	7M 8W

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. *1967 - Teacher's Diploma: 5 years of study after intermediate school, for the teacher of physical education at the primary school level. Bachelor of Science in Physical Education: 4 years of study, for the teacher of physical education at the intermediate and secondary school levels and at the teacher training institutions.* 1963 - Bachelor of Science: 4 years.

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. *1967 - The following facilities are considered essential in the training of physical education teachers in the U.A.R.: outdoor fields, playgrounds, running tracks, outdoor swimming pools, gymnasiums, dressing rooms, showers, training rooms, and fencing pistes. However, the facilities which are provided are not proportionately adequate in terms of the number of students. No provisions have been made to conduct research in physical education in institutions where physical education teachers are trained. Physical education library resources which are available to students include reference books on general medicine, psychology, education, sociology, dictionaries encyclopedias, periodicals, and textbooks. There are also audio-visual aids which include films, charts, models, slides, film strips, and tapes.*

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF		
PRIMARY SCHOOL TEACHERS⁑	INTERMEDIATE SCHOOL TEACHERS	SECONDARY SCHOOL TEACHERS
Calisthenics	Calisthenics	Classic Dance* (W)
Camping (E-M-W)*(M-W)*	Camping*	Folk Dance* (W)
Basketball*; Soccer* (M)	Basketball; Aquatics	Apparatus
Aquatics (E-M)*(M-W)*	Tennis*; Soccer (M)	Rhythmic Gymnastics (W)
Athletics (track & field)	Athletics (track & field)	Calisthenics; Camping
Volleyball*; Field Handball*	Volleyball	Basketball; Boxing* (M)
Rhythmics (W)	Field Handball (M)	Wrestling* (M)
	Rhythmics (W)	Fencing *(M)*
		Aquatics; Soccer (M)
		Athletics (track & field)
		Hockey; Volleyball
		Field Handball (M)

⁑ *In primary schools, Lead-up Games and Sports Fundamentals are taught by the classroom teachers.*

CODE: M=men only; W=women only; E=elective; *Italics=1967 listing;* non-Italics=1963 and 1967 listing; non-coded activity=required for both men and women; *=1963 listing only.

PROFESSIONAL TRAINING. *1967 - Compulsory courses in the training of the primary school physical education teacher include: Education, Psychology, Anatomy, Physiology, Arabic, English, Social Studies, Health and Physical Education, Games, Track and Field, Swimming, Gymnastics, Calisthenics, Arts and Crafts. Compulsory courses in the training of the intermediate and secondary school physical education teacher include: Arabic, English, Military Education, Education, Psychology, Social Service, Sociology, Arts and Crafts, Health and Health Education, Recreation, Principles of Physical Education, History of Physical Education, Techniques of Activities, Anatomy, Physiology, Practice Teaching.* 1963 - General Culture: Arabic Language, Foreign Language, Sociology, Military Training; Fundamental Studies: Anatomy, Physiology, Psychology, Education, Health Education; Professional Studies: Theory: Physical Education, Methods, History, Recreation Education; Activities: Popular Games and Sports, Practice Teaching.

1967 - The time required to become a teacher of physical education is the same as that for other disciplines such as mathematics, history, foreign language, etc.

CHANGES, DEVELOPMENT, AND PROGRESS IN THE PHYSICAL EDUCATION TEACHER TRAINING PROGRAM. *1967 - In the past three years, ex-Army personnel are no longer employed in the physical education program. Classroom teachers now only teach physical education in the first two years in the primary schools and qualified specialists teach in the last two years as well as in the intermediate and secondary schools. During the four years course of study for the professional preparation of the physical education teacher, no specialization is required. A few years ago, students were required to choose an activity in which to specialize. Recommendations to include physical education as a university course of study were made by The National Congress on Higher Education held early this year. Both Cairo and Alexandria universities will start including physical education next year. Plans for offering courses to qualify teachers and graduates for higher degrees and research work are being established.*

United States of America

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - The individual institution offering the physical education teacher training program has the responsibility for planning such a program. These institutions are accredited through the National Council for the Accreditation of Teacher Education. Guidelines for these programs are determined by national conferences of professional leaders in the field, and are published and implemented by the American Association for Health, Physical Education, and Recreation (AAHPER).* 1963 - The departments of physical education in the colleges and universities have the responsibility for planning the teacher training program for physical education teachers. The program must meet the standards of the institution and the state certification requirements.

TRAINING INSTITUTION		NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR		
					PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
FOR TEACHERS OF ALL SUBJECTS INCLUDING PHYSICAL EDUCATION	1963	1,151	4	17-19	x*	x	x
UNIVERSITIES AND COLLEGES (PREPARE SPECIALISTS IN PHYSICAL EDUCATION)	1963	565 B.A.&B.S.	4	17-19	x	x	x
		135 M.A.&M.S.	+1				
		20 Doctorate	+1-2				
	1967	*547 B.A.&B.S.*					
		205 M.A.&M.S.					
		50 Doctorate					

* 1963 - In many primary or elementary schools (ages 6 to 11 or 12 years) physical education is taught by the classroom teacher, who is responsible for all subjects. There is often a supervisor or consultant who provides assistance and guidance to the teacher.

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. *1967 - Bachelor's Degree (B.S. or B.A.): 4 years of study, for the teacher of physical education at the primary school. Bachelor's Degree (B.S. or B.A.): 4 years of study; Master's Degree (M.S., M.A., M.Ed., M.P.E.): 1 year of study beyond the Bachelor's Degree, for the teacher of physical education at the intermediate and secondary school levels. Bachelor's Degree (B.S. or B.A.): 4 years of study; Master's Degree (M.S., M.A., M.Ed., M.P.E.): 1 year of study beyond the Bachelor's Degree; Doctor's Degree (Ph.D., Ed.D., D.P.E.): 1-2 years of study beyond the Master's Degree, for the teacher of physical education at the teacher training institutions and universities.* 1963 - B.S., B.A., B.P.E.: 4 years. M.A., M.S., M.P.E.: 1 additional year. Ed.D., P.E.D., Ph.D.: 1-2 years beyond the Master's Degree.

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. *1967 - The following facilities are considered essential in the training of physical education teachers in the United States of America: gymnasiums, playing fields, swimming pools, locker-dressing-shower units, library, well-designed and equipped classrooms, seminar and lecture rooms, special demonstration and research laboratory, and faculty offices. It is difficult to determine the degree of adequacy of these facilities. Probably all are adequate with the exception of some special demonstration and research laboratories and a sufficient number of faculty offices. Provisions have been made to conduct research in physical education in institutions where physical education teachers are trained. Master's and Doctor's Degree theses requirements include research problems. Institutions offering the Doctor's Degree include experimental research laboratories such as physical fitness, exercise physiology, sports psychology in their doctoral programs. Physical education books are available to students in the institution's main library, education library, or in separate physical education libraries. In 1965, there was an average of 1,731 physical education volumes in the libraries of accredited institutions (by the National Council for the Accreditation of Teacher Education) offering doctoral degrees in physical education. These libraries average 1,250 square feet of floor space.*

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM*

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF	
PRIMARY SCHOOL TEACHERS	INTERMEDIATE SCHOOL TEACHERS AND SECONDARY SCHOOL TEACHERS
Dance Rhythms Recreational Games Low Organization Games Relays Stunts and Tumbling Team and Individual Sports	Folk Dance; Fundamental Rhythms (W); Modern Dance (W); Social Dance; Square Dance; Tap Dance (W); Conditioning Activities; Fundamental Movements (running, jumping, climbing, etc.); Marching Tactics; Posture and Body Mechanics Instruction; Stunts and Tumbling; Weight Lifting; Individual Self-Testing Events; Diving; Life Saving; Swimming; Water Safety; Canoeing; Scuba; Small Craft; Combative Wrestling (M); Baseball (M); Basketball; Cross Country (M); Field Hockey (W); Football (M); Football (Touch) (M); Ice Hockey (M); Lacrosse; Soccer; Softball; Speed A-Way; Speedball; Volleyball; Water Polo (M); Archery; Badminton; Bowling; Fencing; Golf; Gymnastics; Handball (M); Riding; Skating (ice); Skating (roller); Skiing (water); Tennis; Athletics (track & field); Low Organization Games; Lead-up Games; Recreation Games (shuffleboard, table tennis, skish); Individual and Group Contests; Relays; Skiing (snow)

* Curriculum content varies from institution to institution. The content listed for inclusion in the curriculum for the preparation of physical education teachers has been suggested by various professional groups.

CODE: M=men only; W=women only; non-Italics=1963 and 1967 listing; non-coded activity=required for both men and women.

PROFESSIONAL TRAINING. *1967 - Courses included in the professional training of physical education teachers for primary schools, intermediate schools, and secondary schools are: General Education: English Composition, Physical Sciences, Biological Sciences, Social Sciences, Humanities; General Professional Education: Social and Philosophical Foundations, Educational Psychology, Educational Curriculum and Instruction, Educational Administration and Supervision, Directed Teaching; Specialized Professional Physical Education: Introduction and Orientation to the Profession, Physical Education Curriculum and Instruction, Administration, History of Physical Education, Philosophy of Physical Education, Principles of Physical Education, Physiology of Activity, Kinesiology, Measurement and Evaluation, Personal Acquisition of Skills, Sports, Games, and Their Teaching and Coaching, Adaptive Physical Education, Health, Safety, and Recreational Aspects of Physical Education. Curriculum content varies from institution to institution. These are guidelines suggested by our professional leaders.*
1963 - The same as for 1967.

1967 - The time required to become a teacher of physical education is the same as that for other disciplines such as mathematics, history, foreign language, etc.

CHANGES, DEVELOPMENT, AND PROGRESS IN THE PHYSICAL EDUCATION TEACHER TRAINING PROGRAM. *1967 - During the past three years progress has been made toward having 50% of the four year Bachelor's Degree courses consist of general education. Steps have also been taken toward having a five year basic professional preparation course. More attention has been put on student teaching. There has been an increase in the number of men and women preparing to teach physical education. More emphasis has been put on preparing teachers for the primary schools. There has been a greater utilization of new media such as video tape, educational television, and instant replay films.*

Upper Volta

1967 - The Republic of Upper Volta has no school for the training of instructors. It has always trained its instructors in the specialized institutions of France approved by the Government of Upper Volta. The curriculum is exactly the same as the information included in the booklet "Diplôme de maître ou de professeur d'éducation physique" which can be obtained at 13, rue du Four, Paris 6e. It must be noted that there are no physical education teachers or instructors for the primary schools. The teaching of physical education is done by the classroom teacher who has an elementary knowledge of the field.

Uruguay

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - The Higher Institute of Physical Education, a dependency of the National Commission of Physical Education and the Ministry of Culture, has the responsibility for the planning of teacher training programs for physical education teachers.*

TRAINING INSTITUTION		NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR		
					PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
FOR PHYSICAL EDUCATION TEACHERS ONLY*	*1967*	*1*	*4*	*18*	*x*	*x*	*x*

* *The Higher Institute of Physical Education, a dependency of the National Commission of Physical Education, trains and awards titles of Teachers of Physical Education for work in primary, intermediate, and secondary schools, universities, industrial schools, and schools of rehabilitation.*

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. *The teacher of physical education is prepared to teach at the primary, intermediate, and secondary schools and universities. There is only one course of study that prepares teachers for all levels of teaching. Teacher of Physical Education: 4 years of study beyond the secondary school education.*

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. *1967 - The following facilities are considered essential in the training of physical education teachers in Uruguay: gymnasiums, swimming pools, tracks, facilities for rowing, ball parks, children's playgrounds, and recreation parks. The Higher Institute of Physical Education has agreed to enlarge its facilities. No provisions have been made to conduct research in physical education in institutions where physical education teachers are trained. The Library of the National Commission of Physical Education is open to teachers and students alike. The Higher Institute of Physical Education also has a library with textbooks available for the students' use.*

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF PRIMARY SCHOOL TEACHERS	PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF INTERMEDIATE SCHOOL TEACHERS AND SECONDARY SCHOOL TEACHERS
Folk Dance	*Folk Dance*
Educational Gymnastics	*Educational Gymnastics*
Rhythmic Gymnastics	*Apparatus*
Therapeutic Gymnastics (W)	*Rhythmic Gymnastics*
Camping; Boxing (M)	*Therapeutic Gymnastics (W)*
Judo (M); Basketball	*Camping; Boxing (M)*
Volleyball	*Judo (M); Basketball*
Soccer (M); Swimming	*Volleyball*
Rowing; Fencing	*Soccer (M); Swimming*
	Rowing; Fencing

CODE: **M=men only; W=women only;** *Italics=1967 listing;* **non-coded activity=required for both men and women.**

PROFESSIONAL TRAINING. *1967 - Courses included in the professional training are Educational Gymnastics, Gymnastics with Apparatus, Rhythmics, Therapeutics, Track and Field, Swimming, Games and Sports, Educational Music, English Installations, Pedagogy, History of Physical Education, Biology, Hygiene, Basketball, Wrestling and Self-Defense, Boxing, Fencing, Anatomy, Philosophy, General and Educational Sociology, Theory of Gymnastics, Volleyball, Soccer, Rowing, Practice Teaching in Primary, Intermediate, and Secondary Schools, Recreation, Testing, Grading and Standards, Kinesiology, Physiology, First Aid, Methodology, Theory of Sports and Games, Organization and Administration of Physical Education, Physiology of Exercise, Philosophy of Physical Education, and Sociology.*

1967 - The time required to become a teacher of physical education is the same as that for other disciplines such as mathematics, history, foreign language, etc.

CHANGES, DEVELOPMENT, AND PROGRESS IN THE PHYSICAL EDUCATION TEACHER TRAINING PROGRAM. *1967 - During the past three years the length of time required to obtain a certificate as Teacher of Physical Education has been maintained as the same time required for any other teaching certificate for primary, intermediate, and secondary teachers.*

Venezuela

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - The Institute for Professional Improvement and the Ministry of Education have the responsibility for the planning of teacher training programs for physical education teachers.*

TRAINING INSTITUTION		NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR		
					PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
FOR PHYSICAL EDUCATION TEACHERS ONLY	*1967*	*1*					
FOR TEACHERS OF ALL SUBJECTS INCLUDING PHYSICAL EDUCATION	*1967*	*1*	*4*	*18*			

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. *1967 - Teacher Diploma from a pedagogical institution, for the teacher of physical education at the intermediate school level. Teacher Diploma (as given for the intermediate school level with a major in physical education): 4 years of study, for the teacher of physical education at the secondary school level. Diploma for a course taken as monitor: 4 years of study, for the teacher of physical education at the teacher training institution.*

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. *1967 - The following facilities are considered essential in the training of physical education teachers in Venezuela: indoor gymnasiums, ball courts, baseball and soccer fields, swimming pools, and shooting ranges. However, there is a lack of tracks, ball courts, and ball parks for practice. Research on physical education is being done at the Pedagogical Institute of Caracas. There exists a shortage of library facilities for students. There are few books in Spanish that can be found in Venezuela.*

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF INTERMEDIATE SCHOOL TEACHERS
Folk Dance
Tumbling with Apparatus
Outdoor Activities (E-M-W)
Basketball
Volleyball
Track and Field
Swimming
Baseball (M), Soccer (M)

CODE: M=men only; W=women only; *Italics=1967 listing;* E=elective; non-coded activity=required for both men and women.

1967 - The time required to become a teacher of physical education is the same as that for other disciplines such as mathematics, history, foreign language, etc.

CHANGES, DEVELOPMENT, AND PROGRESS IN THE PHYSICAL EDUCATION TEACHER TRAINING PROGRAM. *1967 - During the past three years, specialists have been trained who can more effectively fulfill the programming of experimental programs.*

Viet Nam

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - The Directorate General of Youth has the responsibility for the planning of teacher training programs for physical education teachers.* 1963 - The above answer was given in 1963.

TRAINING INSTITUTION		NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR		
					PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
FOR PHYSICAL EDUCATION TEACHERS ONLY	1963	1	6 months	18-25	x	x	
			1 year	18-25			x
	1967		*6 months- 1 year*	*18-25*	*x*	*x*	*x*
OTHERS	*1967*	*There is a 2-month summer course given to train teachers in physical education teaching in case there would be a shortage of professional physical education teachers.*					

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. *1967 - Youth and Physical Education Instructor Certificate: 6 months, after 4 years in Junior High School, for the teacher of physical education at the primary school level. Youth and Physical Education Instructor Certificate: 12 months, after 2 years in Senior High School, for the teacher of physical education at the intermediate and secondary school levels.* 1963 - Certificates are the same as 1967.

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. *1967 - The facilities provided for the training of physical education teachers are considered inadequate. There are no provisions made to conduct research in physical education in institutions where physical education teachers are trained. Library resources include some hundred books collected by the Youth Training Center and the Directorate General of Youth.*

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF		
PRIMARY SCHOOL TEACHERS	INTERMEDIATE SCHOOL TEACHERS	SECONDARY SCHOOL TEACHERS
Folk Dance (W)	Folk Dance (W); Music	Folk Dance (W); Music
Music; Rhythmic Gymnastics (W)	Rhythmical Dance (W)	Rhythmical Dance (W)
Rhythmical Dance (W)	Rhythmic Gymnastics (W)	Rhythmic Gymnastics (W)
Gymnastics*	Gymnastics*	Gymnastics*
Work On-the-Bars (M)	Work On-the-Bars (M)	Work On-the-Bars
Tumbling (M); Camping	Tumbling (M); Camping	Tumbling; Camping
Campfire; Work Camp	Campfire; Work Camp	Campfire; Work Camp
Hiking and Scouting	Hiking and Scouting	Hiking and Scouting
Basketball*: Boxing*(M)	Basketball*; Boxing* (M)	Basketball*; Boxing (M)
Soccer* (M); Volleyball*	Soccer (M); Judo (M) *(M-W)*	Soccer (M); Volleyball
Badminton; Judo (M) *(M-W)*	Volleyball; Badminton	Badminton; Judo (M) *(M-W)*
Dance Plays	*Dance Plays*	*Dance Plays*
Floor Gymnastics	*Floor Gymnastics*	*Floor Gymnastics*
Mountaineering	*Mountaineering*	*Mountaineering*
Fencing (W)	*Fencing; Karate; Vovinam*	*Fencing; Karate; Vovinam*

CODE: M=men only; W=women only; *Italics=1967 listing;* non-Italics=1963 and 1967 listing; non-coded activity=required for both men and women; *=1963 listing only.

PROFESSIONAL TRAINING. *1967 - (a) Secondary Physical Education Teacher: 12 months of training (includes 10 months in the Youth Training Center). Courses in the Training Center include: Civic Education, Physical Education and Sports, Youth Works, and Military Training, plus two months of field practice. (b) Primary and Intermediate School Physical Education Teacher: 4 to 6 months of training in the Youth Training Center studying the same subjects, but with less detail.* 1963 - The same as for 1967.

Yugoslavia

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - The Council of the Schools has the responsibility for planning the programs for teachers of physical education. These programs are submitted to the Commissions (state) for Physical Culture and to the Ministry of Education, Culture, and Physical Culture for approval.* 1963 - The same as 1967.

TRAINING INSTITUTION		NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
FOR PHYSICAL EDUCATION TEACHERS ONLY	1963	5	4	14			
		14	2	18	4	2	4
		3	4	18			
	1967	*4*	*4*	*14*	*x*		
		15	*2-3*	*18*		*x*	
		4	*4*	*18*			*x*
FOR TEACHERS OF ALL SUBJECTS INCLUDING PHYSICAL EDUCATION	1963	13	4	18	2	2	4
		131	2	18			
	1967	*131*	*2-3*	*18*	*x*	*x*	
		13	*4*	*18*			*x*
UNIVERSITIES	*1967*	*6*					

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. *1967 - Teacher: 4 years of study, for the teacher of physical education at the primary school level. Instructor: 2-3 years of study, for the teacher of physical education at the intermediate school level. Professor: 4 years of study, for the teacher of physical education at the secondary school level. Professor and Coach (with specialization): 4+ years of study, for the teacher of physical education at the teacher training institution and the university levels.* 1963 - Teacher: 4 years. Instructor: 2 years. Professor: 4 years.

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. *1967 - The following facilities are considered essential in the training of phsyical education teachers in Yugoslavia: gymnasiums, track and field areas, play areas for different sports and games, area for outdoor gymnastics and outdoor swimming pools. Those that have been provided are adequate. In the new plan of study, provisions have been made to conduct research in physical education in institutions where physical education teachers are trained. Library resources are available for the students' use. They include manuals, books, journals, documentations, dictionaries, and encyclopedias.*

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF PRIMARY SCHOOL TEACHERS	INTERMEDIATE SCHOOL TEACHERS	SECONDARY SCHOOL TEACHERS
Classic Dance*(W) (E-M)	Classic Dance*	Classic Dance*
Folk Dance *(W) (E-M)*	Folk Dance	Folk Dance; Apparatus
Apparatus	Apparatus; Aesthetic Gymnastics	Aesthetic Gymnastics
Aesthetic Gymnastics (W) (E-M)	Camping; Mountaineering	Camping; Mountaineering
Camping; Mountaineering	Basketball; Boxing (M)	Basketball; Boxing (M)
Basketball; Boxing (M)	Wrestling (M)	Wrestling (M)
Wrestling (M)	*Folklore; Rowing; Judo*	*Folklore; Rowing; Judo*
Folklore; Rowing; Judo	*Athletics (track & field) (M)*	*Athletics (track & field) (M)*
Athletics (track & field) (M)	*Swimming; Soccer (M)*	*Swimming; Soccer (M)*
Swimming; Soccer (M)	*Skiing; Skating*	*Skiing; Skating*
Skiing; Skating; Rugby	*Sport Seminar; Rugby*	*Volleyball; Handball; Rugby*
Sport Seminar; Volleyball	*Volleyball; Handball*	*Sport Seminar*
Elementary Games	*Elementary Games*	*Elementary Games*
Handball; Ice Hockey; Tennis	*Ice Hockey; Field Hockey*	*Ice Hockey; Field Hockey*
Field Hockey; Table Tennis	*Tennis; Table Tennis*	*Tennis; Table Tennis*

CODE: M=men only; W=women only; E=elective; *Italics=1967 listing;* non-Italics=1963 and 1967 listing; non-coded activity=required for both men and women; *=1963 listing only.

PROFESSIONAL TRAINING. *1967 - Courses included in the professional training of physical education teachers for primary schools, intermediate schools, and secondary schools are: General: General Physical Preparation, Foreign Language (French, English, Russian, German), Statistics, Music Education, Military Training, Study of Proceeding; Professional Preparation: Theory of Physical Culture, History of Physical Culture, Social-Economic Sciences, General Pedagogy,Child Psychology, Sports Psychology, Methodology of Teaching, Functional Anatomy, Physiology of Man, Hygiene, Basic Sports Medicine, Basic Kinetic Therapy, Apparatus for Physical Training, Gymnastics: Exercises of Performance, Exercises on Apparatus, Exercises of Ability on Floor, Aesthetic Gymnastics; Sports: Boxing, Athletics, Swimming, Wrestling, Judo, Rowing, Skiing, Skating, Sport Seminar; Games: Elementary Games, Volleyball, Handball, Basketball, Soccer, Rugby, Field Hockey, Ice Hockey, Tennis, Table Tennis; Excursions and Camping; Folklore and Dances.* 1963 - Foreign Language (French, English, Russian, German), Musical Education, Military Training, Social-Economic Sciences, Psychology of Childhood and Youth with Sports Pscyhology, Functional Anatomy, Physiology of Man, Basic Sport Medicine, Basic Kinetic-Therapy, Hygiene, History of Physical Culture, Methodology of Teaching, Statistics, Apparatus for Physical Training, Gymnastics, General Pedagogy, Games, Excursions and Camping, Folklore and Dances, Sports.

1967 - The time required to become a teacher of physical education is the same as that for other disciplines such as mathematics, history, foreign language,etc.

CHANGES, DEVELOPMENT, AND PROGRESS IN THE PHYSICAL EDUCATION TEACHER TRAINING PROGRAM. *1967 - During the past three years no changes have been made in the program. Further developments have been made in the methodology and specialization in different branches, e.g. - recreation, sports, physical therapy, aesthetic gymnastics.*

Zambia

PHYSICAL EDUCATION TRAINING INSTITUTIONS. *1967 - The Ministry of Education has the responsibility for planning the teacher training programs for physical education teachers.*

TRAINING INSTITUTION		NUMBER	YEARS OF TRAINING	USUAL ENTRANCE AGE	TRAINING TEACHERS FOR		
					PRIMARY SCHOOLS	INTERMEDIATE SCHOOLS	SECONDARY SCHOOLS
FOR TEACHERS OF ALL SUBJECTS INCLUDING PHYSICAL EDUCATION	*1967*	*8*	*2*	*18+*	*x*	*x*	
		1	*3*	*21+*			*x*

CERTIFICATE OR DEGREE AND YEARS OF STUDY REQUIRED. *1967 - There are none in the entire country.*

FACILITIES AND RESEARCH AND LIBRARY RESOURCES. *1967 - There are no proper facilities because the subject of physical education does not receive the proper attention. There is a lack of gymnasiums, playing fields, dressing rooms, showers, equipment, e.g. - mats, balls, skipping ropes, and qualified teachers. Research is not known in physical education. Library resources are very limited.*

PHYSICAL EDUCATION TEACHER TRAINING CURRICULUM

PHYSICAL ACTIVITIES PROVIDED FOR PREPARATION OF		
PRIMARY SCHOOL TEACHERS	INTERMEDIATE SCHOOL TEACHERS	SECONDARY SCHOOL TEACHERS
Zambian Dances	*Zambian Dances*	*Mountaineering*
Gymnastics	*Gymnastics*	*Soccer (M)*
		Netball
		Basketball
		Hockey; Cricket

CODE: M=men only; *Italics=1967 listing;* non-coded activity=required for both men and women.

PROFESSIONAL TRAINING. *1967 - Compulsory courses included in the professional training of teachers for the primary school level are Minor Games and Simple Races. Electives include Tennis and Table Tennis. Compulsory courses for the intermediate level include Soccer, Netball, and Volleyball; electives are Swimming and Basketball. Those preparing for the secondary schools have Hockey, Soccer, Netball, and Tennis as compulsory training and Basketball as an elective.*

There is no special training for physical education teachers. Physical education is taken together with other subjects or disciplines in the colleges.

CHANGES, DEVELOPMENT, AND PROGRESS IN THE PHYSICAL EDUCATION TEACHER TRAINING PROGRAM. *1967 - In January 1964, the College of Physical Education at Lusaka was opened. Eleven students were enrolled for training to become secondary school physical education teachers. At the completion of the one-year course, the school was closed. The government initiated short seminars and workshops but they have met with little effectiveness. Plans are now underway to develop a program to train teachers of physical education.*

PART II

....CONTAINS CHARTS COMPOSED OF INFORMATION FOUND IN PART I

CHART 1. AVAILABILITY OF SELECTED RESOURCES FOR THE TRAINING OF TEACHERS OF PHYSICAL EDUCATION

Fifty out of 67 countries reported that library resources are available to physical education students in training. The adequacy of these appears to range from "almost non-existent" to "extensive". In those countries in which no libraries exist at the present time, it was indicated that libraries are being established. Many of the resources include not only texts published within a country but also those from other countries around the world. It is evident that a large number of the libraries are connected with Schools or Departments of Physical Education.

Thirty-one out of 64 countries reported that provisions are made to conduct research in the institutions where physical education teachers are trained. Five countries indicate that the research facilities are still in the early stages and three that research provisions are to be made very soon. Authorities responsible for physical education in the Ministries of Education carry out the research according to the data reported from Israel and Morocco.

Nineteen out of 62 countries reporting indicated that facilities for the training of physical education teachers are considered adequate. Of the 35 countries that specified particular inadequacies in training facilities, 22 indicate that the greatest lack is in gymnasiums which are properly equipped; this is followed by the lack of swimming facilities, showers, and dressing rooms. Respondents in Colombia and Czechoslovakia reported that the facilities are not always located in the training institution. In Guatemala, the facilities provided are adequate, however they do not belong to the School of Physical Education. According to the information submitted, facilities are not proportionately adequate to the number of students in the United Arab Republic, Uruguay, and the Philippines.

Thirteen countries indicated that library resources, provisions for research, and adequate training facilities are available.

COUNTRY	LIBRARY RESOURCES	RESEARCH FACILITIES	ADEQUACY OF TRAINING FACILITIES
ARGENTINA	*Yes*		*Facilities are considered adequate*
AUSTRALIA	*Limited*	*Limited provisions*	*Lack gymnasiums and swimming pools*
AUSTRIA	*Extensive*	*Yes*	*Some are poor*
BELGIUM	*Yes*	*Yes*	*Facilities are generally adequate*
BRAZIL	*Small and specialized*	*In beginning stages*	*Lack gymnasiums, track installations, and dressing rooms*
CANADA	*Vary from institution to institution*	*Yes*	*They are continually improving*
CHINA (Republic of Nationalist)	*Limited*	*In beginning stages*	*Lack gymnasiums, playgrounds, showers, and laboratory facilities*
COLOMBIA	*Scarce*	*None*	*Lack gymnasiums, game and sports fields, (facilities are not located in the training institution)*

COUNTRY	LIBRARY RESOURCES	RESEARCH FACILITIES	ADEQUACY OF TRAINING FACILITIES
CONGO (Brazzaville)	*No*	*None*	*Lack gymnasiums with necessary apparatus and balls*
CYPRUS (Greek)	*Small*	*None*	*Facilities are considered adequate*
CZECHOSLOVAKIA	*Yes*	*Yes*	*Some schools lack their own facilities and so must use rented facilities which are very often far from the school*
DENMARK	*Yes*	*Yes*	*Facilities are considered adequate*
DOMINICAN REPUBLIC	*National School does not have a real physical education library; one is being formed*	*None*	*Lack gymnasiums in the schools. Recreation areas do not exist.*
ECUADOR	*Yes*	*Yes*	*Lack gymnasiums, dance rooms, swimming pools, courts, and other indispensable installations*
EL SALVADOR	*Inadequate*	*Yes*	*Facilities are considered adequate*
ENGLAND	*Yes*	*Yes*	*Facilities are considered adequate*
FINLAND	*Yes*	*Yes*	*Lack gymnasiums, playing fields, dressing rooms,and student laboratory facilities*
FRANCE	*Yes*	*None*	*Facilities are considered adequate*
GAMBIA	*Poor*	*None*	*Lack gymnasiums,apparatus, and equipment*
GERMANY	*Yes*	*Yes*	*Lack gymnasiums, playing fields, and dressing rooms*
GHANA	*Yes*	*None*	*Lack swimming pools and games and sports equipment*
GREECE	*Yes*	*None*	*Lack dormitories, gymnasiums, swimming pools, play and athletic fields, study rooms, laboratories, and camp grounds by the seashore*
GUATEMALA	*General library but no resources for physical education*	*None*	*Facilities are considered adequate, but they do not belong to the Normal School of Physical Education*

COUNTRY	LIBRARY RESOURCES	RESEARCH FACILITIES	ADEQUACY OF TRAINING FACILITIES
HAITI	*No*	*None*	*Lack swimming pools, and gymnasium apparatus*
HUNGARY	*Yes*	*Yes*	*Facilities are considered adequate*
INDIA	*Poor*	*Very limited*	*Only a few schools have good facilities. Lack gymnasiums, playgrounds, swimming pools, showers, and dressing rooms.*
IRAQ	*Yes*	*Yes*	*Facilities are considered adequate*
IRELAND	*Limited*	*None*	*Lack space, playing fields, and showers*
ISRAEL	*Yes*	*None, research is carried out by the Sports and Physical Education Authority in the Ministry of Education and Culture*	*Lack swimming pools in colleges*
ITALY	*Yes*	*None*	*Lack facilities that are centrally located. Some have adequate facilities.*
JAPAN	*Yes*	*Yes*	*Lack swimming facilities*
JORDAN	*Limited*		*Lack gymnasiums, dressing rooms, showers, and playing fields*
KENYA	*Yes*	*None*	
KOREA	*Yes*	*Yes*	*Facilities are considered adequate*
LIBERIA	*Very limited*		*Lack gymnasiums, playing fields, dressing rooms, and showers*
LIBYA	*Yes*	*None*	
LUXEMBOURG	*Yes*	*None, to be started soon*	*Lack swimming pools*
MALAGASY REPUBLIC			*Facilities are considered adequate*
MALAYSIA	*Yes*	*None*	*Lack gymnasiums and swimming pools*
MEXICO	*Almost non-existent*	*Yes*	*Facilities are considered adequate*

COUNTRY	LIBRARY RESOURCES	RESEARCH FACILITIES	ADEQUACY OF TRAINING FACILITIES
MOROCCO	*Yes*	*None, this is the function of the responsible ministries*	*Lack sports equipment*
NETHERLANDS	*Yes*	*None*	*Lack gymnasiums, dressing rooms, showers, and administration rooms*
NEW ZEALAND	*Yes*	*Yes*	*Lack outdoor facilities*
NIGERIA (Eastern)	*Yes*	*Yes*	*Lack gymnasiums, dressing rooms, showers, supplies and equipment, and audio-visual equipment*
NORWAY	*Yes*	*None, beginning 1 July, 1968, facilities for research will be provided*	
PAKISTAN (East)	*Yes*	*None*	*Lack swimming pools*
PARAGUAY	*No*	*None*	*Lack indoor field houses and swimming facilities*
PERU	*Limited*	*Yes*	*Lack gymnasiums, gymnastic apparatus, laboratories, and swimming pools*
PHILIPPINES	*Yes*	*None*	*Facilities are generally adequate, but there are not enough*
POLAND	*Yes*	*Yes*	
ROMANIA	*Yes*	*Yes*	*Facilities are considered adequate*
SENEGAL	*No*	*None*	*Lack physical education center with gymnasiums, playing fields, swimming pool, library, conference and projection room, and audio-visual materials*
SOUTH AFRICA	*Yes*	*Yes, but not at a very high level yet*	*Facilities are considered adequate*
SPAIN	*Limited*	*Yes*	*Facilities are inadequate*
SUDAN			*Lack gymnasiums, swimming pools, and playing fields*
SWEDEN	*Yes*	*Yes*	*Facilities are considered adequate*

COUNTRY	LIBRARY RESOURCES	RESEARCH FACILITIES	ADEQUACY OF TRAINING FACILITIES
SWITZERLAND	*Yes*	*Yes*	*Facilities are considered adequate*
THAILAND	*Inadequate*	*Yes, in beginning stages*	*Lack showers and dressing facilities*
TURKEY	*Yes*	*No*	*Facilities are inadequate*
UNITED ARAB REPUBLIC	*Yes*	*None*	*Not proportionately adequate in terms of the number of students*
UNITED STATES OF AMERICA	*Yes*	*Yes*	*Facilities are generally adequate*
URUGUAY	*Yes*	*None*	*Facilities are being enlarged*
VENEZUELA	*Limited*	*Yes*	*Lack tracks, ball courts, and ball parks for practice*
VIET-NAM	*Limited*	*None*	*Facilities are inadequate*
YUGOSLAVIA	*Yes*	*Plans are underway for research*	*Facilities are considered adequate*
ZAMBIA	*No*	*None*	*Lack gymnasiums, fields, dressing rooms, showers, and equipment*

CHART 2. PHYSICAL ACTIVITIES IN THE TEACHER TRAINING CURRICULUM

The following chart portrays the activities included in 1967 in the teacher training curriculum in 63 countries. They are listed alphabetically with the frequency of practice by men and women at each level of education. Those listed most frequently for the primary level for both men and women are folk dance, swimming, gymnastics, athletics (track and field), basketball, and apparatus. At the intermediate level they are athletics (track and field), basketball, swimming, folk dance, apparatus, and volleyball. At the secondary level the activities are basketball, apparatus, folk dance, swimming, athletics (track and field), and gymnastics.

ACTIVITY	PRIMARY		INTERMEDIATE		SECONDARY	
	Men	Women	Men	Women	Men	Women
Agility			*1*	*1*	*1*	*1*
Apparatus	*27*	*25*	*33*	*30*	*47*	*43*
Archery	*1*	*1*	*2*	*2*	*2*	*2*
Athletics (track & field)	*30*	*29*	*41*	*42*	*41*	*43*
Badminton	*5*	*6*	*5*	*6*	*7*	*8*
Ball Games	*1*	*1*	*1*	*1*	*1*	*1*
Ballet	*1*	*1*	*1*	*2*	*1*	*2*
Bandy			*1*	*1*	*2*	*2*
Baseball	*2*		*5*		*8*	
Basketball	*29*	*29*	*42*	*34*	*46*	*47*
Bowling			*1*	*1*	*1*	*1*
Boxing	*4*		*5*		*11*	
Calisthenics	*2*	*2*	*3*	*3*	*3*	*3*
Camping	*19*	*17*	*23*	*21*	*27*	*27*
Canoeing			*2*	*2*	*4*	*4*
Civil Defense	*1*	*1*	*1*	*1*	*1*	*1*
Classic Dance	*2*	*4*	*3*	*4*	*4*	*7*
Creative Dance	*1*	*1*	*2*	*2*		*2*
Cricket	*5*	*2*	*5*	*2*	*6*	*2*
Cross Country Running			*1*		*3*	*1*
Dance	*6*	*6*	*4*	*5*	*6*	*6*
Dance Plays	*1*	*1*	*1*	*1*	*1*	*1*
Dodgeball			*1*	*1*		
Excursions	*5*	*5*	*5*	*5*	*6*	*7*
Fencing	*3*	*4*	*6*	*6*	*11*	*10*
Field Handball			*2*	*1*	*1*	
Field Hockey	*6*	*7*	*9*	*8*	*10*	*11*
Fieldball	*1*	*1*	*1*	*1*	*1*	*1*
First Aid	*1*	*1*		*1*	*1*	*2*
Folk Dance	*28*	*36*	*30*	*38*	*39*	*46*
Football	*1*		*1*		*1*	
Football (Touch)			*1*		*1*	
Fitness	*2*	*2*	*2*	*1*	*1*	*2*
Games and Relays	*10*	*11*	*9*	*10*	*12*	*13*
Gliding					*1*	*1*
Golf	*1*	*1*	*2*	*2*	*2*	*2*

ACTIVITY	PRIMARY Men	PRIMARY Women	INTERMEDIATE Men	INTERMEDIATE Women	SECONDARY Men	SECONDARY Women
Gymnastics						
Aesthetic Gymn.	6	5	7	7	9	9
Agility Gymn.	1	1	1	1	1	1
Artistic Gymn.	1	1	1	1	1	1
Basic Gymn.			1	1	1	1
Competitive Gymn.	4	4	2	2	4	4
Danish Gymn.					1	1
Educational Gymn.	1	1	1	1	1	1
Floor Exercises	4	7	3	5	4	7
Floor Gymnastics	1	1	1	1	1	1
Free Exercises	2	2	2	2	2	2
Higher Gymn.	3	3	2	3	3	3
Local Gymn.					1	1
Movement Gymn.	1	1	1	1	1	1
Olympic Gymn.					1	1
Recreative Gymn.		1		1		1
Remedial Gymn.	4	5	2	3	2	3
Swedish Gymn.	1	1	1	1	1	1
Handball	8	10	11	11	16	13
Hiking	7	6	8	7	6	6
Ice Hockey	1	1	3	1	4	2
Individual Self-Testing Events			1	1	1	1
Isometrics	1	1	1	1	1	1
Jazz Techniques				1		1
Judo	4	4	5	3	10	5
Karate			1	1	2	1
Kickball			1	1	1	1
Kipu	1	1			1	1
Lacrosse		2	1	2	1	3
Low Organization Games	5	5	5	5	4	4
Marching Tactics	1	1			1	1
Mimetics	2	1			2	2

ACTIVITY	PRIMARY Men	PRIMARY Women	INTERMEDIATE Men	INTERMEDIATE Women	SECONDARY Men	SECONDARY Women
Modern Dance	4	7	3	8	5	11
Mountaineering	5	5	4	4	13	12
Movement Education	2	3	2	3	2	3
Music	1	1	1	1	1	1
Netball		4		4		4
Orientation Courses	1	1	1	1	1	1
Orienteering	2	2	2	2	5	4
Outdoor Activities	4	4	6	6	5	5
Outdoor Education	1	1	1	1	1	1
Parachuting					1	1
Posture and Body Mechanics Instruction			1	1	1	1
Recreational Games	2	2	3	3	3	3
Rhythmics	19	29	19	31	20	45
Riding			1	1	2	2
Rock Climbing					1	1
Rounders		1		1		1
Rounds	1	1				
Rowing	3	3	4	3	4	3
Rugby	5		5		8	
Sailing	1	1	1	1	4	4
Scuba			1	1	1	1
Scouting	3	3	3	3	5	5
Skating	5	5	6	6	7	7
Ice Skating	5		1	1	1	1
Roller Skating			1	1	1	1

ACTIVITY	PRIMARY		INTERMEDIATE		SECONDARY	
	Men	Women	Men	Women	Men	Women
Skiing	7	7	8	9	13	13
Small Craft			1	1	2	2
Soccer	30	1	39	1	45	1
Social Dance	1	3	2	5	5	7
Softball	6	7	6	8	9	12
Speed A-Way			1	1	1	1
Speedball			1	1	1	1
Sports	12	11	6	5	12	11
Square Dance	1	1	1	2	2	1
Stunts and Tumbling	10	9	14	13	10	10
Swimming	31	33	35	35	47	40
Tap Dance				1		1
Table Tennis	4	4	3	2	4	4
Takraw	1		1		1	
Tennis	6	7	9	10	13	15
Teni Koit	1	1	1	1	1	1

ACTIVITY	PRIMARY		INTERMEDIATE		SECONDARY	
	Men	Women	Men	Women	Men	Women
Throwball				1		1
Unigoal			1	1	1	1
Vigoro		1				1
Volleyball	24	22	33	30	36	36
Vovinam			1	1	1	1
Water Polo	1		1		2	
Water Safety			1	1	1	1
Water Skiing			1	1	2	2
Water Sports			1	1	1	1
Weight Lifting					2	1
Winter Sports	1	1	1	1	1	1
Work Camp	1	1	1	1	1	1
Wrestling	5		7		6	

CHART 3. PROFESSIONAL COURSES IN THE PHYSICAL EDUCATION TEACHER TRAINING PROGRAM

The following chart gives an overview of theoretical courses included in the professional training programs of physical education teachers according to information supplied by respondents in 44 countries. Courses are listed according to frequency of practice. Similarities in content for the courses listed may exist, however, this cannot be determined from the titles alone and therefore, all courses given are listed.

FREQUENCY	COURSE
35	*Anatomy*
31	*Physiology*
26	*History of Physical Education*
19	*Hygiene*
18	*First Aid (and Diet)*
18	*Kinesiology*
16	*Psychology*
15	*Organization and Administration of Physical Education*
14	*Practice Teaching*
13	*Methods and Theory of Physical Education*
13	*Pedagogy*
11	*Health Education*
11	*Methodology of Physical Education*
10	*Principles of Physical Education*
10	*Tests and Measurements*
8	*Educational Psychology*
8	*Teaching of Physical Education*
7	*Biology*
7	*Methods of Education*
6	*Philosophy of Physical Education*
6	*Physiology of Exercise*
5	*Child Psychology*
5	*Curriculum*
5	*History of Education*
5	*Theory of Sports*
4	*Anthropometry*
4	*Practical Exercises*
4	*Sociology*
3	*Introduction to Physical Education*
3	*Physiotherapy*
3	*Recreation*
3	*Safety*
3	*Sports Medicine*
2	*Applied Psychology*
2	*Biomechanics*
2	*Biometry*
2	*Body Mechanics*
2	*Cinematography Applied to Teaching*
2	*Education*
2	*Ethics*
2	*Improvement of Personal Performance*
2	*Pedagogy of Physical Education*
2	*Play and Recreation*
2	*Prevention and Care of Athletic Injuries*
2	*Psycho-pedagogy*
2	*Social and Philosophical Foundations*
2	*Sociological Study of Physical Education*
2	*Sport Psychology*
2	*Statistics*
1	*Activity for the Atypical*
1	*Adaptive Physical Education*
1	*Anthropology*
1	*Biochemistry and Nutrition*
1	*Biological Sciences*
1	*Chemistry*
1	*Childhood*
1	*Comparative Education*
1	*Cultural Activities*
1	*Educational Administration and Supervision*
1	*General and Educational Sociology*
1	*General and Special Methods of Training*
1	*General Didactics*
1	*General Methodology*
1	*General Pedagogical Materials*
1	*Hydroclimatology*
1	*Measurement and Statistics*
1	*Mechanics of Motion*
1	*Medicine of Physical Culture*
1	*Methodic*
1	*Methodo-biology*
1	*Modern Problems in Education*
1	*Outdoor Education*
1	*Personal and Community Health*
1	*Philosophy of Education*
1	*Physical Sciences*
1	*Plastic Education*
1	*Preventive Work*
1	*Professional Ethics*
1	*Professional Training*
1	*Psychology of Physical Education*
1	*Public Health*
1	*Scientific and Psychological Bases of Coaching*
1	*Seminar in Physical Education*
1	*Studies on Educative, Developmental and Applied Phys. Ed.*
1	*Study of Motion*
1	*Teaching Technique*
1	*Technique of Exercise*
1	*Terms*
1	*Test Type Lessons*
1	*Theory*
1	*Theory and Methods of Motor Activities*
1	*Youth*

CHART 4. LENGTH OF TIME REQUIRED TO BECOME A TEACHER OF PHYSICAL EDUCATION AS COMPARED TO THAT FOR TEACHERS OF OTHER SUBJECTS

COUNTRY	COMPARATIVE TIME	COUNTRY	COMPARATIVE TIME	COUNTRY	COMPARATIVE TIME
ARGENTINA	*Less*	GHANA	*Less*	NORWAY	*Same*
AUSTRALIA	*Same*	GREECE	*Less*	PAKISTAN (Eastern)	*Same*
AUSTRIA	*Same*	GUATEMALA	*Same*	PARAGUAY	*Less*
BELGIUM	*Same*	HUNGARY	*Same*	PERU	*Same*
BRAZIL	*Less*	INDIA	*Same*	PHILIPPINES	*Same*
CANADA	*Same*	IRAQ	*Same*	POLAND	*Less*
CHILE	*Same*	IRELAND	*Less*	SENEGAL	*Same*
CHINA	*Same*	ISRAEL	*Same*	SOUTH AFRICA	*Same*
COLOMBIA	*Same*	ITALY	*Less*	SPAIN	*Same*
CONGO. (Brazzaville)	*Same*	JAPAN	*Same*	SUDAN	*Same*
CYPRUS (Greek)	*Less*	LIBYA	*Same*	SWEDEN	*Less*
CZECHOSLOVAKIA	*Same*	LUXEMBOURG	*Less*	SWITZERLAND	*Less*
DENMARK	*Same*	MALAGASY REPUBLIC	*Same*	THAILAND	*Less*
ECUADOR	*Same*	MALAYSIA	*Same*	TURKEY	*Less*
EL SALVADOR	*Less*	MEXICO	*Less*	UNITED ARAB REPUBLIC	*Same*
ENGLAND	*Same*	MOROCCO	*Less*	UNITED STATES OF AMERICA	*Same*
FINLAND	*Same*	NETHERLANDS	*Less*	URUGUAY	*Same*
FRANCE	*Same*	NEW ZEALAND	*Same*	VENEZUELA	*Same*
GERMANY	*Same*	NIGERIA (Eastern)	*Same*	YUGOSLAVIA	*Same*

CHART 5. RECENT CHANGES, DEVELOPMENTS, AND PROGRESS IN THE PHYSICAL EDUCATION TEACHER TRAINING PROGRAMS

PROGRAMS ESTABLISHED

A definite improvement in teacher training programs is reflected in the responses received from 21 countries. Seven countries noted the creation of new schools or new programs within already established institutions. Six countries reported an increased emphasis on the teacher training program for those teachers responsible for physical education in the primary schools. In-service courses are now offered in two of six countries to supplement the training. Three countries reported post-graduate programs and an improvement in program content of the training programs. In Ecuador the title of Professor of Physical Education is now granted by two universities. According to the data reported, the College of Physical Education in Iraq and the Specialist Teacher Training Institute in Malaysia are recognized as central sources for physical education training in their respective geographical areas.

AUSTRIA - *According to the New School Organization Act, 1962, primary school teachers have to finish their secondary education (Matura) and then they get a 2-year training course at the Pädagogische Akademie (teacher training college). Studies now end at 20 years of age.*

BELGIUM - *In the teacher training institutions, a double specialization (physical education and biology) has been introduced.*

CANADA - *Ten universities have added new schools of physical education. The number of schools offering graduate work in physical education has increased.*

CZECHOSLOVAKIA - *Primary teachers of physical education must have special teaching qualifications. The teaching plans of teachers are being checked and will be reformed in 1970.*

DOMINICAN REPUBLIC - *Students need a minimum of passing the second course of the Baccalaureate. Each subject area has a professor specializing in the particular area.*

ECUADOR - *Title of Professor of Physical Education has been granted at the University of Quito and the University of Guayaquil.*

EL SALVADOR - *The progress achieved in El Salvador has been the founding of the schools of various sports upon the arrival of foreign technicians from Chile, Argentina, the United States, and Brazil.*

FINLAND - *Programs leading to the B.A., M.A. and finally to the Licentiate and the Doctor of Physical Education have been started at the University of Jyväskylä.*

GERMANY - *To reduce the lack of teachers, special teacher training schools have been established in the states of Hessen, Nordrhein, Westfalen, and some other states. They work in contact with universities and normal teacher training schools. In the 3-year course they are trained in physical education and one other subject.*

INDIA - *The number of training institutions for physical education have increased. Revised syllabi for the certificate and diploma courses have been introduced in all of the specialized teacher training institutions. Two institutions offering 3-year degrees have been started.*

IRAQ - *Within the past three years, the College of Physical Education has become the best resource of knowledge in all sports and youth welfare for the whole country and the Middle East. Post-graduate courses (Master's) of two years' duration have been introduced at the two institutions offering degree courses.*

KENYA - *The Ministry has plans to start a College of Physical Education for specialization in 1967 as an experiment. The students would be trained for one year only and then teach in the secondary schools. This is a crash program to train local teachers to take over from the foreign teachers now in Kenya.*

MALAGASY REPUBLIC - *In-service training of physical education instructors is a very recent development.*

MALAYSIA - *The Specialist Teaching Training Institute is now the nerve center of physical education in Malaysia. Besides offering the preparatory courses, it also organizes vacation courses for other categories of teachers*

NEW ZEALAND - *Ordinary training for primary school classroom teaching, including physical education, has been extended from two years to three years. Training for secondary schools has been altered. For primary and intermediate schools a permanent course has been opened at Palmerston North T.C. A few selected classroom teachers are given a special 1-year course and return to their classrooms, to the intermediate schools, or to their physical education advisory service.*

NIGERIA - *The greatest achievement is the establishment of the Department of Health and Physical Education at the University of Nigeria since 1962 for training.*

NORWAY - *In 1968, a new College of Physical Education Teacher Training will come into operation.*

PAKISTAN - *To meet the increasing demand for physical education teachers, one more College of Physical Education is being started in an important city of the province. The 28 Primary Training Institutions of the province have been provided with physical education staff.*

PERU - *In-service courses have been established and are held during the summer months to improve teacher competencies. Each institution has an autonomy in which it can determine the emphasis it wishes to place on the preparation of physical education teachers for the three educational levels.*

SWEDEN - *Formerly all classroom teachers had to study physical education as a compulsory course. Now a student at a teacher training college may choose between physical education and music. If he chooses physical education he gets a higher course (210 hours) but only an elementary course in music (60 hours).*

SWITZERLAND - *Professional teachers of physical education have had their studies prolonged from two to four semesters (Diploma I) and from four to six semesters (Diploma II).*

UNITED ARAB REPUBLIC - *Recommendations to include physical education as a university course of study were made by The National Congress on Higher Education. Both Cairo and Alexandria universities will start including physical education next year. Plans for offering courses to qualify teachers and graduates for higher degrees and research work are being made.*

PROGRAM ADAPTATIONS

An analysis of the information submitted by respondents in 24 countries indicates that there is greater emphasis now than in the past on the overall physical education teacher training program for all levels. In ten countries there has been an extension and specialization of programs. In two, however, there has been a reduction in time and courses devoted to physical education teacher preparation. Programs have been modified in three countries in which classroom teachers are offered courses to help them teach physical education more effectively. In two instances, training courses have also been established to assist the non-qualified teacher of physical education. Sports are emphasized in the teacher training curriculum in three countries. Of interest is the fact that in Nigeria, physical education is now included as one of the major subjects in the Advanced Teacher Training Colleges all over the country so as to produce teachers for the secondary schools and that in the United States progress is being made toward providing a five-year basic professional preparation program. In the Dominican Republic graduating professors from the National School of Physical Education are prepared to teach at any level; no distinction is made between the three levels of education.

ARGENTINA - The course of study at the National Institute of Physical Education has been modified to reduce the number of total hours. Unification of subject matter for training of national normal physical education teachers (elementary) and national professors of physical education. Annual courses are held by the National Direction which are required for all staff of the three physical education teacher training institutions.

AUSTRALIA - There has been an extension in the range of practical work.

CANADA - The Fitness and Amateur Sports Act, 1961, has assisted several hundred teachers to do graduate work. It has also provided financial support for undergraduates.

COLOMBIA - Training courses for physical education teachers without a degree have been established. Courses are given on a semester basis and eight semesters are needed for completion.

CYPRUS (Greek) - More courses have been organized for teachers. They also take part in the European Athletic Diploma Tests.

CZECHOSLOVAKIA - Study at the pedagogic faculties and institutes is of higher quality as the result of scientific work.

DOMINICAN REPUBLIC - Graduating professors from the National School of Physical Education are prepared to teach at any level. No distinction is made between the three levels of education.

ECUADOR - In respect to their titles, teachers may attend in-service courses in physical education. Teachers may attend national professional conferences. Certificates of completion are given for the promotion of rank within the Register of the Magistrate without taking examinations and upon fulfilling the time of service as required by law.

FRANCE - For the CAPES (classification), the pedagogical test which consisted of writing a paper on and directing a physical education lesson has been replaced by two courses of instruction of six weeks in two different institutions.

GERMANY - Primary school teachers are trained in short courses to teach games and sports in their classes.

GHANA - Considerable progress has been made in the training of physical education teachers. All teachers are now trained locally over a period of four years at the end of which successful candidates are awarded the diploma.

INDIA - A new revised syllabus for physical education has been prepared for primary teacher training schools so that the classroom teachers can teach physical education more effectively.

IRAQ - All programs for training improved due to qualified teachers, better facilities and equipment, new subjects, more hours, better relationships, and direct public service through sports and social activities.

ISRAEL - English Movement Education has been introduced for the primary grades. There has been an increase in student teaching. Coaches are specialists in their fields.

KOREA - Recreation and kinesiology have become emphasized in the physical education training program.

MALAYSIA - All general purpose teachers undergo a basic course in physical education. Secondary school teachers have a choice of three different courses of instruction. There are in-service courses for qualified teachers and vacation courses for teachers undergoing part-time training.

MEXICO - With the establishment of both services of out-of-school sports extension and standing school sports games, the third year students of the National School of Physical Education are trained in the techniques of teaching with the pupils who attend the sports fields.

NIGERIA - Physical education has been included as one of the major subjects in the Advanced Teacher Training Colleges all over the country so as to produce teachers for secondary schools.

ROMANIA - Each year improvements of programs for the training of physical education teachers are registered depending on the requirements of practice as well as on the progress permanently made in the field of physical education and performance sports.

SENEGAL - There has been a more thorough study of programs in pedagogics, anatomy, physiology applied to various sports, influence of physical education on physiology, morphology, and psychology.

SPAIN - *In the Higher School for Physical Education Teachers (Women), the studies in music and outdoor practice have been intensified. Track and field, first aid, and the study of a language have also been included, as well as the introduction of research themes.*

TURKEY - *More emphasis has been given to sports such as soccer, basketball, volleyball, cycling, boxing, swimming, and track and field in the teacher preparation program.*

UNITED ARAB REPUBLIC - *During the 4-year course of study for professional preparation of physical education teachers, no specialization is required. Formerly students were required to choose an activity to specialize in. Ex-Army personnel are no longer employed to teach physical education.*

UNITED STATES - *Progress is being made toward: providing 5-year basic professional preparation, achieving the goal of having about 50% of the 4-year professional preparation be in general education, and placing greater emphasis on preparing teachers of physical education for the primary schools.*

TRENDS

Listed below are the trends in physical education teacher training programs that were reported by respondents in 13 countries. Each trend in itself is of specific interest and significance to the individual country. The trends range from the influence which physical education has had on general education policies to the exchange of professional personnel both within and outside of the individual country.

CANADA - *The growth of the national professional association CAHPER, has improved participation and the acceptance of physical education as a discipline within education.*

CHINA - *There has been an emphasis on research with the professional people being interested in finding their own data to support their principles and philosophies.*

CYPRUS (Greek) - *Efforts to improve playing fields and facilities have been made. They have also tried to improve the standards.*

CZECHOSLOVAKIA - *The salaries of secondary school and university teachers have been adjusted. Physical education teachers take part in the voluntary physical education in clubs registered in CSTV.*

ENGLAND - *Until recently all teachers in training took a professional course in physical education. Now this is still required of primary school teachers but is optional for most secondary school teachers.*

IRAQ - *The student enrollment in the College of Physical Education has increased from 115 in 1963 to 586 in 1967. Physical education in Iraqi schools improved after school activities spread all over the country. Young men have begun to appreciate physical education programs and sports activities.*

JORDAN - *Forty physical education teachers were sent outside the country to earn certificates and degrees.*

LIBYA - *The Ministry of Education is considering the possibility of getting physical education experts to assess the programs.*

NIGERIA - *The Ministry of Education has made it a requirement for Teacher Training Colleges for Grade II Teachers to hire qualified physical educators. The Ministry has included physical education among the courses for the award of overseas scholarships.*

PAKISTAN - *Originally the number for enrollment in the College of Physical Education was 75 per year. Now it is being raised to 175.*

SWEDEN - *At the College of Physical Education, it is now possible to work with groups of various sizes because of an increase in the amount of teachers at the College.*

UNITED ARAB REPUBLIC - *Classroom teachers are prepared to teach physical educarion in the first two years of the primary school. Qualified specialists are provided for the last two years and in the intermediate and secondary schools.*

UNITED STATES - *A greater number of men and women are preparing to teach physical education.*

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ICHPER Periodic Physical Education Questionnaire

INTERNATIONAL COUNCIL ON HEALTH, PHYSICAL EDUCATION, AND RECREATION
1201 16th St., N.W., Washington, D.C. 20036, U.S.A.

An International Member of the
WORLD CONFEDERATION OF ORGANIZATIONS OF THE TEACHING PROFESSION

Part II Teacher Training for Physical Education

This section of the questionnaire is designed to gather information on the teacher training program for physical education teachers.

It may be necessary to continue your comments on additional pages in some instances. When this is done, please number them carefully to correspond with the questionnaire.

Your answers to the questions are most important. However, if printed or published materials providing detailed information are available, it would be appreciated if you will send these materials also.

Person Completing this Questionnaire Section

Name______________________________

Title______________________________

Institution or Agency______________________________

Address______________________________

Country______________________________

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INTERNATIONAL COUNCIL ON HEALTH, PHYSICAL EDUCATION,
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of the Teaching Profession

TEACHER TRAINING FOR PHYSICAL EDUCATION

A. Curriculum for students training to become physical education teachers

(1) It is desirable that we have worldwide information on the activities included in the training programs for physical education teachers. The variety of activities included in these programs and differences in terminology make it impossible to make an all inclusive list. Therefore, will you please (a) write in the activities under the major headings (Dance, Gymnastics, etc.) which are usually included in your training programs for physical education teachers and (b) check (✓) the proper space below to the right of each activity which you have listed for part (a). (* Men — ** Women)

	Primary School				Intermediate School				Secondary School			
	Required		Elective		Required		Elective		Required		Elective	
	*M	**W	*M	**W	*M	**W	*M	**W	*M	**W	*M	**W
DANCE (for example: folk, classic, etc.) 1.______ 2.______ 3.______ ______ ______												
GYMNASTICS (for example: apparatus, rhythmics, etc.) 1.______ 2.______ 3.______ ______ ______												
OUTDOOR ACTIVITIES (for example: camping mountaineering, etc.) 1.______ 2.______ 3.______ ______ ______												
SPORTS (for example: soccer, basketball, etc.) 1.______ 2.______ 3.______ ______ ______												
OTHERS ______ ______ ______												

(2) List and briefly describe the courses included in the professional training of physical education teachers for primary schools, intermediate schools, and secondary schools. If printed descriptions of the professional training program for physical education teachers are available, please attach or send a copy of each at your earliest convenience.

	Compulsory courses	Elective courses
Primary teachers		
Intermediate teachers		
Secondary teachers		

(3) What organization, agency, or group has responsibility for the planning of teacher training programs for physical education teachers?

B. Facilities used in the training of physical education teachers

(4) What facilities are considered essential in the training of physical education teachers in your country?

(5) Are the facilities provided for the training of physical education teachers adequate? ______Yes. ______No. If not, list the inadequacies, e.g.: lack of gymnasia, playing fields, dressing rooms, showers, etc.

(6) Are provisions made to conduct research in physical education in institutions where physical education teachers are trained? Briefly describe.

(7) Briefly describe the physical education library resources available to students.

C. Organization of institutions (schools) training physical education teachers

(8) In the following list specify the years of training, the usual entrance age of students, and the number of the educational institutions in each category that are training physical education teachers.

Number of institutions training physical education teachers:	Training teachers for:								
	Primary Schools	Years of training required	Usual entrance age	Intermediate Schools	Years of training required	Usual entrance age	Secondary Schools	Years of training required	Usual entrance age
Training institution for physical education teachers only:									
Training institution for teachers of all subjects including physical education:									
Universities:									
Others (specify)									

D. List the diplomas, certificates, or degrees that may be earned by teachers of physical education and list the usual number of years of study required to achieve each.

	Diploma, certificate, or degree	Years of study
PRIMARY SCHOOL Teacher of physical education		
INTERMEDIATE SCHOOL Teacher of physical education		
SECONDARY SCHOOL Teacher of physical education		
TEACHER TRAINING INSTITUTION Teacher of physical education		
UNIVERSITY Teacher of physical education		
OTHER		

(9) List the institutions in your country training teachers of physical education and the name of the individual in charge of each institution.

Name of Institution	Location	Person in charge

(10) Is the time required to become teachers of physical education the same as that for other disciplines such as mathematics, history, foreign language, etc.? If there is a difference, specify.

(E) Describe the changes, development, and progress that your country has made in programs for the training of teachers of physical education in the primary school, intermediate school, and secondary school during the past three years.

Please return this Questionnaire by February 1, 1967 to:

Dr. Carl A. Troester, Jr.
Secretary-General
ICHPER
1201 Sixteenth Street, N.W.
Washington, D.C. 20036, U.S.A.

THANK YOU FOR YOUR COOPERATION

REPORTS OF THE 1967-68 ICHPER PHYSICAL EDUCATION QUESTIONNAIRE

Part I. PHYSICAL EDUCATION IN THE SCHOOL CURRICULUM

A summary of the physical education activities provided for primary, intermediate, and secondary schools, including development of programs, time devoted to the program, facilities, and after-school programs. Outlined for each country are the major purposes of physical education, the most significant trends, and important problems to be overcome in improving programs of physical education.

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This report is divided into two sections. Part I contains information from 80 countries and Part II features a number of comparative charts compiled from the information found in Part I. Brief descriptions of the curriculum for students training to become physical education teachers, noting entrance age, amount of training, and degrees. Includes information on training facilities, library and research resources and the development and changes in the physical education teacher training program during the past three years.

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